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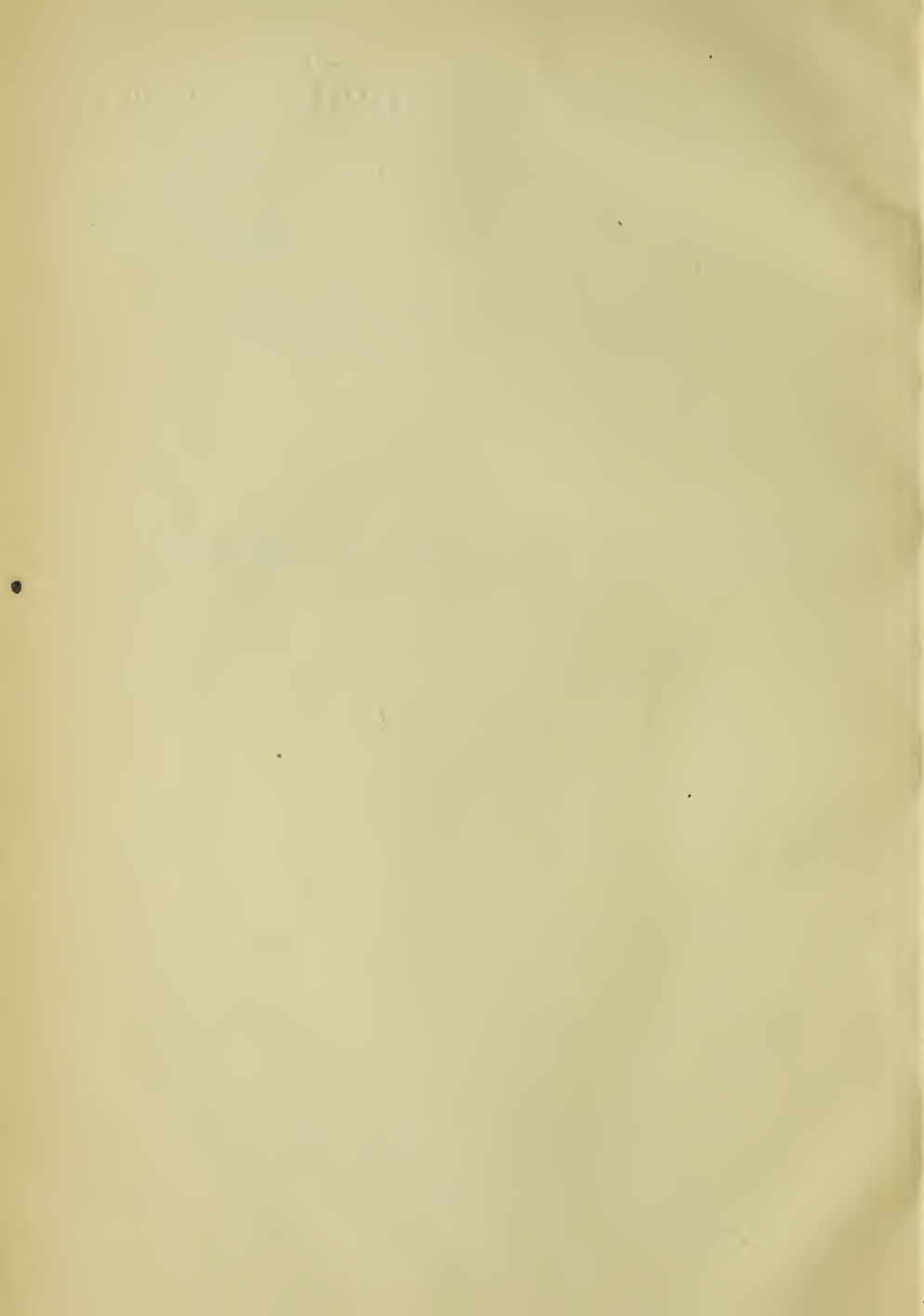
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Murdock, Charles Henry,	<i>Stow,</i>	West Hall, 11.
Murdock, George Frederick,	<i>Stow,</i>	West Hall, 8.
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Raymond, George Walker,	<i>Ludlow, Vt.,</i>	Dean Hall, 6.
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Swift, Frederick Howard,	<i>Gloucester,</i>	Mid. Hall, 2.

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Burnham, Elmond Arthur,	<i>Putney, Vt.,</i>	West Hall, 6.
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Cate, Isaac Wallace,	<i>N. Montpelier, Vt.,</i>	West Hall, 7.
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Ricketts, William Luther,	<i>Monson,</i>	East Hall, 22.
Rounds, Stephen,	<i>E. Baldwin, Me.,</i>	East Hall, 28.
Sewall, Willis Fuller,	<i>Livermore Falls, Me.,</i>	West Hall, 9.
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Cunningham, Benjamin Frazier,	<i>Gloucester,</i>	East Hall, 31.
Denison, William Kendall,	<i>Newtonville,</i>	Dean Hall, 9.
Dolliver, George Carroll,	<i>Gloucester,</i>	East Hall, 31.
Gerrish, George Mayo,	<i>Woburn,</i>	East Hall, 8.
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Holbrook, Charles Forest,	<i>Stoughton,</i>	Mid. Hall, 11.
Perkins, Frederick William,	<i>Roxbury,</i>	West Hall, 3.
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Powell, Elmer Elbert,	<i>Orono, Me.,</i>	East Hall, 23.
Stover, Charles Livingston,	<i>Haverhill,</i>	West Hall, 12.
Tucker, Charles Rollins,	<i>Stoughton,</i>	East Hall, 26.
Tuttle, Hiram Austin,	<i>Salem,</i>	West Hall, 12.

SPECIAL STUDENTS.

Adams, Charles Ellsworth,	<i>Medford,</i>	East Hall, 6.
Bolles, Courtland Kimball,	<i>Salem,</i>	Dean Hall, 2.
Hooper, Everett Dennison,	<i>Annisquam,</i>	East Hall, 14.
Keirn, Gideon Isaac,	<i>College Hill,</i>	Prof. Tousey's.
Lamon, Frank Henry,	<i>Watertown, N. Y.,</i>	East Hall, 23.
Moore, John Winfield,	<i>Chelsea, Vt.,</i>	East Hall, 9.
Ribeiro, Amaro Arango,	<i>São Paulo, Brazil,</i>	Quincy House.
Toppan, Arthur Wellington,	<i>Charlestown,</i>	Mid. Hall, 7.
Towle, George Gilman,	<i>Dover, N. H.,</i>	Miss Towle's.

DEPARTMENT OF ENGINEERING.

THIRD CLASS.

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Haskell, Alfred Everett,	<i>Medford,</i>	Mid. Hall, 1.
Page, Clarence Victor,	<i>Lowell,</i>	East Hall, 6.
Robertson, Henry Frazer,	<i>Medford,</i>	East Hall, 6.
Shipman, Henry Eaton,	<i>Bethel, Vt.,</i>	West Hall, 1.
Tibbetts, Frank Leslie,	<i>W. Somerville,</i>	Mr. Tibbetts's.

SECOND CLASS.

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Folsome, Arthur Adams,	<i>Springfield,</i>	East Hall, 25.
Lamson, John Stevens,	<i>Charlestown,</i>	Mid. Hall, 8.
Morison, Charles Haines,	<i>Medford,</i>	Mid. Hall, 1.
Nickerson, Alvano Thomas,	<i>Somerville,</i>	Mid. Hall, 8.
Simons, Frank Norman,	<i>Weare, N. H.,</i>	East Hall, 16.

FIRST CLASS.

Babson, Albert Duley,	<i>Gloucester,</i>	East Hall, 14.
Beals, Walter Leonard,	<i>Middleboro,</i>	East Hall, 26.
Bray, Rowland Wesley,	<i>Charlestown,</i>	Mid. Hall, 7.
Daniels, Frank Thomas,	<i>Coleraine,</i>	Mid. Hall, 11.
Gray, William Southwick,	<i>College Hill,</i>	Mr. Gray's.
Hamilton, Henry Arthur,	<i>Bolton,</i>	East Hall, 15.
Hickok, Frederick Sherman,	<i>Methuen,</i>	Mid. Hall, 10.
Pettingill, Alvah Garcelon,	<i>Livermore Falls, Me.,</i>	West Hall, 9.

REQUISITIONS FOR ADMISSION.

For admission to the Freshman Class, an examination must be well sustained in the following studies :—

LATIN. — Cæsar's Gallic War, Books I.-IV. ; Cicero's Orations, those against Catiline, for Archias, Marcellus, and the Manilian Law ; Virgil's *Æneid*, Books I.-VI. ; Ovid's *Metamorphoses*, 2500 lines ; Allen and Greenough's, or Harkness's Grammar, including Prosody ; Allen's Latin Composition, and translation into Latin of a connected passage of English prose, not taken from the text-book, but involving only familiar words and idioms.

While the foregoing requirements are preferred, equivalents will be accepted ; also, in place of the last two orations of Cicero and the specified amount of Ovid, an examination may be taken, if desired, on average passages from each of the above-named works, not included in the portions prescribed.

GREEK. — I. Three Books of Homer's *Iliad* ; four Books of Xenophon's *Anabasis* ; Hadley's, Crosby's, Curtius's, or Goodwin's Greek Grammar, including Prosody ; writing Greek with the accents ; or, as an alternative,

II. Translation at sight of easy passages of the *Anabasis* and of average passages from the *Iliad* (with a vocabulary of the less-used words), in place of the quantity requisition in Xenophon and Homer ; Prose Composition as in I.

It is recommended that special attention be given to translating English into Greek and Latin, and that pupils be accustomed to this exercise from the beginning of the preparatory course.

GERMAN OR FRENCH. — For admission to the Philosophical Course, German or French may be substituted for Greek. The

candidate must give evidence of a thorough knowledge of the accidence and more important principles of syntax of the language presented, and be able to render simple English sentences into the same, and must have translated the equivalent of two hundred duodecimo pages, including one classic drama. Macmillan's Progressive German Course (or French Course, Parts I. and II.) may represent the amount of text-book work in grammar and composition requisite in preparation for this course.

MATHEMATICS. — Arithmetic, with the Metric System ; Algebra, through Quadratic Equations, including Radical Quantities, together with Proportion, Arithmetical and Geometrical Progressions, and the Binomial Theorem for positive integral exponents ; Plane Geometry.

GEOGRAPHY AND HISTORY. — Outlines of Ancient Geography ; Smith's Smaller History of Greece, to the death of Alexander ; Leighton's or Smith's History of Rome.

ENGLISH GRAMMAR AND COMPOSITION. — Spelling ; Punctuation ; Structure of Sentences ; Correct Use of Words ; Clearness of Expression. The examination will consist, — 1, in writing a short composition on a subject assigned ; 2, in criticising specimens of incorrect English. Subjects for compositions will be drawn from standard works in English Literature. All the books named for a given year are to be read, and from one or more of them subjects will be assigned at the time of examination.

For 1888 — Shakespeare's *Julius Cæsar* and *Twelfth Night* ; Johnson's *Lives of Addison and Pope* ; Thackeray's *English Humorists* ; Irving's *Bracebridge Hall* ; Macaulay's *Lays of Ancient Rome*.

For 1889 — Shakespeare's *Julius Cæsar* and *As You Like It* ; Johnson's *Lives of Swift and Gray* ; Thackeray's *English Humorists* ; Gray's *Elegy* ; Scott's *Rob Roy*.

For 1890 — Shakespeare's *Julius Cæsar* and *A Midsummer Night's Dream* ; Goldsmith's *Deserted Village* ; Scott's *Quentin Durward* ; Macaulay's *Lays of Ancient Rome* ; A. Dobson's *Eighteenth Century Essays*.

The regular examination for admission will begin on the day after Commencement, and continue through the following day. A second examination will also be held on the Tuesday and Wednesday preceding the beginning of the college year. The examination will begin at 9 o'clock A. M., on each of these days.

For admission to an advanced class, an examination must be well sustained both in the preparatory studies and in the studies through which such class has passed. To be admitted to advanced standing, one must also pay half the tuition of the previous portion of the course, unless he comes from another college; provided that if he be admitted at the beginning of the Senior year, the tuition of the Junior year shall be the only arrears required of him.

At the regular examination in June, those who will be candidates for admission to the Freshman class one year later may present themselves for a preliminary examination, if certified by their teachers to be prepared on not less than nine of the sixteen subjects enumerated on the preceding pages, and may receive certificates if they pass on not less than seven. In making up the sixteen, Latin represents six subjects, Greek, German, or French four, Mathematics three, History two, and English one.

While, under certain conditions, the certificates of teachers in good standing are accepted in lieu of an examination, this method of admission is regarded with disfavor. Candidates so admitted will be considered as upon a special probation, which may be terminated at any time if their preparation is found to be inadequate. The certificate, to be received, must specify which of the subjects have been pursued, and to what extent, or what are offered as equivalents in case the preparatory course has differed from that presupposed in the foregoing requisitions, and must express the opinion of the teacher that the candidate is well prepared to enter upon a college course.

COURSE OF STUDY.

FRESHMAN CLASS.

LATIN. — Livy (Capes's) ; Cicero de Senectute (Reid's) ; Horace, Odes and Epodes (Chase & Stuart's) ; Bennett's First Latin Exercises, with Extempore Exercises.

Four hours a week for the year.

ROMAN HISTORY. — Liddell ; Rawlinson's Manual ; Ramsay's Elementary Manual of Roman Antiquities, with Illustrated Lectures ; Lectures on the History of the Latin Language and Literature.

Two hours a week for the year.

GREEK. — Xenophon ; Herodotus ; Thucydides ; Homer's Odyssey ; Dialects ; Prose Composition ; Goodwin's Greek Moods and Tenses.

Six hours a week for first, five for second half-year.

MATHEMATICS. — Wells's University Algebra ; Welsh's Solid and Spherical Geometry ; Wells's Trigonometry.

Four hours a week for the year.

ORATORY. — Declamations ; Lectures.

Two hours a week for second half-year.

SOPHOMORE CLASS.

LATIN. — Horace, Satires and Epistles ; Cicero, Second Philippic (Mayor's) ; Annals of Tacitus (Allen's) ; Latin Composition, with Extempore Exercises.

Four hours a week for first, three for second half-year.

FRENCH. — Whitney's Practical French Grammar; Rougemont, La France.

Six hours a week for second half-year.

GREEK I. — The Orators; Prose Composition.

Four hours a week for first half-year.

GREEK II. — The Dramatists; Study of Metres.

Optional, three hours a week for second half-year.

NATURAL HISTORY. — Martin, The Human Body.

Optional, as an alternate with Greek II.

PHYSICS. — Daniell's Principles.

Three hours a week for second half-year.

MATHEMATICS. — Briggs's and Wentworth's Analytic Geometry; Applications of Trigonometry; Special Trigonometry.

Four hours a week for first half-year.

ORATORY. — Lectures; Declamation.

Two hours a week for second half-year.

RHETORIC. — Genung's; Four Themes; Extemporaneous Composition.

Four hours a week for first half-year.

JUNIOR CLASS.

GERMAN. — Theoretical Grammar in Lectures; Joynes's Meissner's Grammar; Bernhardt's Deutsche Novelletten; Klemm, Poesie für Haus und Schule.

Six hours a week for first half-year.

PHYSICS. — Daniell's Principles; Peck's Astronomy.

Four hours a week for first, three for second half-year.

CHEMISTRY I. — Inorganic Chemistry, with recitations and lectures.

Three hours a week for first half-year.

CHEMISTRY II. — Organic and Physiological Chemistry, Lectures, with recitations.

Optional, four hours a week for second half-year.

ENGLISH LITERATURE.

Optional, as an alternate with Chemistry II.

PSYCHOLOGY. — Sully's.

Three hours a week for second half-year.

NATURAL HISTORY. — Botany, Gray's Lessons and Manual ; Zoölogy, Nicholson's.

Four hours a week for second half-year.

RHETORIC. — Four Themes ; Extemporaneous Composition.

Also three hours a week for the first half-year and two for the second in one of the following

ELECTIVE STUDIES :

GREEK. — Plato.

LATIN. — Juvenal ; Cicero.

GERMAN. — Göthe, Hermann und Dorothea ; Wieland, Oberon (selections).

FRENCH. — Dramatists of the Classic Period ; Modern Novelists ; Plötz, Nouvelle Grammaire Française (basée sur le latin).

RHETORIC. — Analysis of Speeches ; English Composition.

PHYSICS. — Investigations in the Laboratory ; Physical Manipulations, Pickering, Kohlrausch ; Light, Glazebrook ; Electricity, Trowbridge ; Projection, Dolbear.

CHEMISTRY. — Inorganic Chemistry, Laboratory Work, for the year ; Qualitative Analysis, second half-year.

ENGINEERING. — Descriptive Geometry ; Draughting.

MATHEMATICS. — Differential and Integral Calculus.

ORATORY. — Special Drill in Reading and Declamation.

SENIOR CLASS.

NATURAL HISTORY. — Geology, Le Conte's, with Lectures ; Mineralogy, with Lectures.

Four hours a week for first half-year.

MORAL PHILOSOPHY. — Calderwood's Moral Science.

Four hours a week for first half-year.

POLITICAL ECONOMY. — Fawcett's, with Lectures.

Four hours a week for second half-year.

LOGIC. — Jevons'.

Four hours a week for second half-year.

RHETORIC. — Six Themes.

Also six hours a week for the year in two of the following

ELECTIVE STUDIES :

JURISPRUDENCE. — Ancient Law ; Roman Law ; International Law ; Constitutional Law ; Lectures.

ENGLISH LITERATURE ; LOGIC ; METAPHYSICS.

GREEK, LATIN, FRENCH, or GERMAN LITERATURE.

ITALIAN. — Grandgent's Grammar ; De Amicis, Spagna.

MATHEMATICS. — Geometry of Three Dimensions ; Mechanical and Architectural Drawing ; Salmon's Conic Sections ; Advanced Mathematics.

CHEMISTRY. — Assaying, Laboratory Work ; Quantitative Analysis ; Organic Chemistry, Laboratory Work.

PHYSICS. — Conservation of Energy, Stewart, Spencer ; Natural Philosophy, Thomson and Tait ; Heat, Maxwell ; Electricity, Thomson, Cummings, Gray, Gordon ; Investigations in the Physical Laboratory, Glazebrook, Pickering, Kohlrausch.

NATURAL HISTORY. — Biology, Huxley and Martin's ; Botany, Bessie's ; Zoölogy, Packard's, with Practical Work in the Laboratory, first half-year ; Mineralogy, Dana's Text-Book ; Plattner's Manual of Qualitative and Quantitative Blowpipe Analysis, with Laboratory Work ; Winchell, Geological Studies, second half-year.

ENGINEERING. — Topographical Surveying and Drawing ; Steam-Engine.

ORATORY. — Special Drill in Reading and Declamation.

PHILOSOPHICAL COURSE.

This course, leading to the degree of Bachelor of Philosophy, includes all the studies of the preceding course except Greek, for which the Modern Languages are substituted. It also offers an opportunity for pursuing elective studies to a somewhat greater extent.

The course of study coincides with the foregoing in the Senior year, and varies from it in the first three years, according as German (Course A) or French (Course B) has been presented for admission, as follows :—

FRESHMAN CLASS.

In the place of Greek,

GERMAN (Course A).—Brandt's Grammar ; Historical Prose ; Dramatists of the Classic Period ; Composition.

Three hours a week for first, four for second half-year.

FRENCH (Course B).—Macmillan's Fasnacht's Progressive French Course, Part III. ; Historical Prose ; Dramatists of the Classic Period ; Modern Novelists.

Three hours a week for first, four for second half-year.

And in both courses,

RHETORIC.—Genung's ; Four Themes ; Extemporaneous Composition.

Four hours a week for first half-year.

SOPHOMORE CLASS.

Course A, in the place of Greek, Rhetoric, and Natural History,
GERMAN.—Vilmar, Geschichte der deutschen Literatur ; Göthe, Faust ; Contemporary Prose.

Three hours a week for first half-year.

And five hours a week for the first half-year and three for the second in one of the following

ELECTIVE STUDIES:

PHYSICS. — Work in the Physical Laboratory.

ENGINEERING. — Descriptive Geometry ; Drawing.

RHETORIC. — Analysis of Speeches ; English Composition.

Course B, in the place of Greek, French, and Rhetoric.

GERMAN. — Theoretical Grammar in Lectures ; Joynes's Meissner's Grammar ; Bernhardt's Deutsche Novelletten ; Klemm, Poesie für Haus und Schule ; Göthe, Hermann und Dorothea ; Wieland, Oberon (selections).

Six hours a week for first, three for second half-year.

NATURAL HISTORY. — Martin, The Human Body.

Three hours a week for second half-year.

And two hours a week for the first half-year and three for the second in one of the above-mentioned elective studies.

JUNIOR CLASS.

In the place of elementary German and the optional study,

FRENCH (Course A). — Plötz, Nouvelle Grammaire Française (basée sur le latin) ; Historical Prose ; Dramatists of the Classic Period ; Modern Novelists.

Three hours a week for first, four for second half-year.

GERMAN (Course B). — Brandt's Grammar ; Historical Prose ; Dramatists of the Classic Period ; Composition.

Three hours a week for first, four for second half-year.

And in both courses, three additional hours of elective work for the first half-year in one of the studies open to Juniors.

DEPARTMENT OF ENGINEERING.

The degree of Bachelor of Mechanic Arts is conferred on those students who complete the prescribed studies of three years in the department of Engineering. These studies are arranged in two courses, for Civil and Electrical Engineers, and the course for which the degree is conferred is stated in the diploma.

The requisitions for admission are Mathematics, English Grammar, and Composition, as stated on page 15.

Students of the Classical and Philosophical courses may so arrange their elective work as to make it possible to obtain the degree in engineering after a post-graduate course of one year in this department.

COURSE IN CIVIL ENGINEERING.

FIRST YEAR.

MATHEMATICS. — Wells's University Algebra ; Welsh's Solid and Spherical Geometry ; Wells's Trigonometry.

Four hours a week for the year.

DESCRIPTIVE GEOMETRY ; SHADES AND SHADOWS ; PERSPECTIVE.

Three hours a week for the year.

SURVEYING. — Theory, with Elementary Practice ; Compass Surveys.

Three hours a week for second half-year.

RHETORIC. — Genung's ; Four Themes ; Extemporaneous Composition.

Four hours a week for first half-year.

FRENCH. — Whitney's Practical French Grammar ; Rougemont, La France.

Six hours a week for second half-year.

DRAWING. — Plotting ; Orthographic Projection.

Three hours a week for the year.

PRACTICAL WORK. — Woodwork ; Carpentering ; Pattern-Making ; Turning.

Three hours a week for first half-year.

SECOND YEAR.

MATHEMATICS I. — Wentworth's Analytic Geometry ; Applications of Trigonometry.

Four hours a week for first half-year.

MATHEMATICS II. — Differential and Integral Calculus.

Three hours a week for the year.

MECHANICS. — Daniell's.

Three hours a week for second half-year.

STEAM-ENGINE. — Theory and Construction.

Four hours a week for second half-year.

TOPOGRAPHY. — Field Work and Drawing.

Three hours a week for the year.

PHYSICS. — Daniell's Principles ; Peck's Astronomy.

Four hours a week for first, three for second half-year.

CHEMISTRY. — Inorganic Chemistry, with recitations and lectures.

Three hours a week for first half-year.

THIRD YEAR.

MATHEMATICS. — Differential and Integral Calculus.

Three hours a week for the year.

MECHANICS. — Applied Mechanics.

Four hours a week for the year.

CIVIL ENGINEERING. — Strength of Materials ; Stability of Structures of Stone, Wood, and Iron ; Drainage and Sewerage ; Hydraulics.

Four hours a week for the year.

ROAD ENGINEERING. — Surveys and Estimates.

Three hours a week for first half-year.

DRAWING. — Structures and Machines.

Three hours a week for the year.

NATURAL HISTORY. — Mineralogy, Dana's Text Book ; Plattner's Manual of Qualitative and Quantitative Blowpipe Analysis, with Laboratory Work.

Three hours a week for second half-year.

PREPARATION OF THESIS.

COURSE IN ELECTRICAL ENGINEERING.

This course varies from the foregoing as follows : —

FIRST YEAR.

In the place of Drawing,
MECHANICS. — Daniell's.

Three hours a week for second half-year.

SECOND YEAR.

In the place of Topography,
PHYSICS. — Investigations in the Laboratory.

Three hours a week for the year.

PRACTICAL WORK. — Filing ; Turning ; Screw-cutting.

Three hours a week for second half-year.

THIRD YEAR.

In the place of Civil Engineering, Road Engineering, and Drawing,

ELECTRICITY. — Mathematical Electricity.

Three hours a week for the year.

PHYSICS. — Laboratory Work, including Electrical Measurements and Applications of Electricity to Telegraph, Telephone, Lighting, Plating, and Transmission of Power.

Six hours a week for the year.

NOTE. — In the foregoing courses of study time spent in the laboratories, in drafting, and in other practical work, is reckoned in programme hours, each such hour representing two or three consecutive hours of class work, according to the department.

ADMINISTRATION OF THE COLLEGE.

ELECTIVE STUDIES.

The programme requires sixteen recitations a week or their equivalent, except in the Senior year, when fourteen are required. In addition to the regular electives, requisite to fill this programme, extra electives may be taken, if, in the judgment of the Faculty, they can be profitably pursued. Choice of elective or optional studies for the first half-year must be signified in writing to the Faculty on or before the first Saturday of the college year, and for the second half-year on or before the last Saturday preceding mid-year. New elections may be made at such other times as are prescribed in the several departments.

RELIGIOUS OBSERVANCES.

All resident students are required to attend morning prayers in the Chapel.

All resident students are required to attend public worship on Sundays in the Chapel, except those of legal age, who, on their application to the President in writing, and minors, who, on the application of their parents or guardians, have been permitted to attend regularly elsewhere.

The RUSSELL LECTURE, established in accordance with a bequest of the late Hon. James Russell, of Arlington, is delivered before the Trustees, Faculty, and students on the first Sunday of the college year by either a clergyman or a layman, on a subject prescribed by the testator.

LIBRARY.

The Library, containing about 23,000 volumes and more than 8,000 pamphlets, is open to members of the College, both for consultation and for the drawing of books, from 9.30 to 5 on weekdays, except Wednesday and Saturday afternoons.

JOY LIBRARY FUND. — This fund now amounts to \$25,000, one-half the income of which is devoted to the purchase of books for the Library.

GYMNASIUM.

The Goddard Gymnasium, furnished with apparatus under the direction of Dr. D. A. Sargent, is open daily from 9 to 12 and from 2 until sunset. Each student's exercise is adapted to his physical needs, as determined by medical examination, and measurements are made from time to time to ascertain the results of the training. Class instruction in gymnastics is given during the winter months.

EXPENSES.

College Charges (Tuition, Care of Rooms, Incidentals), per year	\$100.00	\$100.00
Half Room Rent, from \$15.00 to \$75.00, per year	15.00	75.00
Board, \$3.00 to \$4.00 per week	\$117.00	156.00
Total	\$232.00	\$331.00

Students board in commons at \$3.00 per week ; in private families at \$3.00 to \$4.00. Other expenses vary with the economy of each student. Students furnish their own rooms.

The charges for each year are contained in two bills, of which the first is made at the middle of the year, and is payable on the first day of March ; the second is made immediately after Commencement, and is payable on the first day of the following college year ; but the second bill of the Senior year must be settled by the Saturday before Commencement.

SCHOLARSHIPS.

Scholarships in the gift of the College are as follows : —

THREE STATE SCHOLARSHIPS, of *one hundred dollars* each, established in accordance with a requisition of the Commonwealth.

FIVE HOWLAND SCHOLARSHIPS, of *one hundred dollars* each, established from the income of the bequest of the late Edwin Howland, Esq., of South Africa.

FIVE WALKER MATHEMATICAL SCHOLARSHIPS, of *one hundred dollars* each, established in honor of the late William J. Walker, M. D., of Newport, R. I.

THE PERKINS SCHOLARSHIP, of *fifty dollars*, founded by James D. Perkins, Esq., of Brooklyn, N. Y., by a donation of one thousand dollars.

THE A. A. MINER SCHOLARSHIP, of *fifty dollars*, established by a donation of one thousand dollars.

THE GREENWOOD PRIZE SCHOLARSHIP, the income from the bequest of one thousand dollars by the late Mrs. Eliza M. Greenwood, of Malden, given to such student as shall have made the best attainments in Oratory.

FOUR PRIZE SCHOLARSHIPS of NATURAL HISTORY (I. Tully, II. Olmstead, III. Leavenworth, IV. Miner), from the income of a special fund, established by the late Charles Hyde Olmstead, given to such competitors as, in addition to the conditions of other scholarships, have made superior attainments in some assigned branch of Natural History with which these scholarships are associated.

PACKARD FREE SCHOLARSHIPS. — “Ten students are admitted free of tuition, selected from those who, possessing good abilities, are destitute of the means of fully supporting themselves at the College. As fast as these students graduate from or leave the College, others are selected to take their places.”

THE MOSES DAY FUND, the income of five thousand dollars, is appropriated to the aid of needy and deserving young men.

PREPARATORY SCHOOL PRIZE SCHOLARSHIPS. — These are established in connection with the following Preparatory Schools : Dean Academy, Westbrook Seminary, Goddard Seminary, and Perkins Academy. One such scholarship is open to competition annually in each of these schools, and will be awarded to the student of highest attainments who, during an attendance of not less than two

years in the school from which he presents himself, has attained eighty per cent in all the studies of his preparatory course, and who has answered correctly at least seventy-five per cent of all the questions proposed by the Faculty for admission to college. The amount of a scholarship is *one hundred and twenty-five dollars* a year, and the student to whom one is awarded shall be entitled to receive it during the four years of his college course, provided that he takes rank and holds it in the upper third of his class, and provided that his conduct shall commend itself in all respects to the Faculty. In all cases the Faculty shall be judges of the per cent attained by students.

These awards are made by the Board of Trustees on the recommendation of the Faculty. When voted, except the Free Scholarships and Preparatory School Prize Scholarships, they are understood to cover the college year just ended. The obtaining of a scholarship for one year does not constitute any title to a second nomination.

APPOINTMENTS. — The pay of a Monitor is *twenty dollars* a year; that of the Bell-ringer *one hundred dollars*.

Applications for Scholarships and other aids must be made to the Faculty on or before the first day of March; and, if the applicant be a minor, must be sanctioned by his parent or guardian. No one need apply who has not made satisfactory progress or who has come under any grave censure in the course of the year.

PRIZES.

GODDARD PRIZES. — In the second term of the academical year, four prizes of *fifteen dollars* each are assigned from the Goddard Prize Fund, as follows: —

A Prize for the best Dissertation, by a member of the Senior Class, on a subject assigned.

A Prize for the best Examination in Plato's Symposium, or the Agamemnon of Æschylus, including an account of the author and his works.

A Prize for the best Latin Prose Translation, by a member of the Sophomore Class, of the first two Sections of Chapter LXVIII. in Liddell's History of Rome.

A Prize for the best Examination in the Mathematics of the Freshman year.

The Dissertations and Translations must be left at the President's office by the 1st of May, in sealed envelopes, accompanied by sealed letters containing the authors' names.

RHETORICAL PRIZES. — Six prizes are awarded, as follows:—

Two Prizes, of *twenty* and *ten dollars* respectively, to the best Readers of the Senior Class.

Two Prizes, of *twenty* and *ten dollars* respectively, to members of the Junior Class, for the best exhibition of improvement and skill in Elocution.

Two Prizes, of *twenty* and *ten dollars* respectively, on the same conditions, to members of the Sophomore Class.

The selections for Reading and Declamation must be approved by the Professor of Oratory. The names of competitors for the prizes in Reading and Elocution must be handed to the President at least two weeks before the day of trial.

ENTRANCE EXAMINATION PRIZES. — Two Prizes, of *thirty* and *twenty dollars* respectively, are awarded for the best entrance Examinations. To receive either, the candidate must pass in all the subjects required for admission to college, and must be admitted without conditions. These prizes are payable at the end of the first half-year in college.

The foregoing prizes are not awarded, unless, in the opinion of the respective judges, there is sufficient merit in the several contests to warrant their distribution.

HONORS AND DEGREES.

SPECIAL HONORS will be conferred at Commencement upon any member of the Senior Class who shall have complied with the following conditions: 1. He must have excelled in the required work of the study in which he desires Honors, and also in the required work of two cognate studies. 2. In this and a cognate study, he must have taken the equivalent of six hours a week for a year of elective work, and must have passed the examinations on them with distinction. 3. He must pass an examination before a committee of the Faculty on as much extra work in the study in which he desires Honors as would be equal to two hours a week for a year.

This examination may be oral, written, or by practical work, and may be so extended as to cover the whole work of the student in that department.

Departments are open for Honors as follows: I. Natural History, II. Physics, III. Chemistry, IV. Mathematics, V. Philosophy, VI. Modern Languages, VII. Classics.

A student is expected to apply for Honors as early as the middle of his Junior year, and may make up his standing in any study in which he is deficient. The grade of Honors, as well as the department, will be mentioned in the diploma and printed in the catalogue. Special requisitions may be made in any department.

THE DEGREE OF MASTER OF ARTS will be conferred upon such Bachelors of Arts and Bachelors of Philosophy as shall pursue during a residence of not less than one year, and under the instruction of the Faculty, a prescribed course of study in at least two departments. The condition of residence may be waived, but in such case the required attainment must be ascertained by examination. This degree will be conferred, under the same conditions, on graduates of other colleges whose courses of study have been equivalent to the courses for which the degrees of A.B. and Ph.B. are given by Tufts College. THE DEGREE OF MASTER OF MECHANIC ARTS will be conferred, upon the same conditions, on graduates in the Department of Engineering.

HONORS CONFERRED IN 1887.

Highest Honors.

On WILSON LINCOLN FAIRBANKS, for excellence in the departments of Greek and Latin.

Honors.

On DAVID LEE MAULSBY and WILLIS JAMES PROUTY, for excellence in the department of Latin.

AWARDS OF PRIZES FOR 1886.

Greenwood Prize Scholarship.

TO JULIEN CAMPBELL EDGERLY, of the Junior Class.

Preparatory School Prize Scholarship.

TO WILLIS FULLER SEWALL, fitted at Westbrook Seminary.

For Latin Prose.

TO ISAAC WALLACE CATE, of the Sophomore Class.

For Reading.

TO LEO RICH LEWIS, DAVID LEE MAULSBY, and CHARLES HENRY PATTERSON, of the Senior Class.

For Declamation.

TO JULIEN CAMPBELL EDGERLY and SUMNER ROBINSON, of the Junior Class; and GEORGE HOYT HERO and WILLIAM BEST EDDY, of the Sophomore Class.

Entrance Examination Prizes.

TO WALTER AMBROSE PEARSON and CHARLES AUGUSTUS HATHAWAY, of the Freshman Class.

DIVINITY SCHOOL.

FACULTY OF THE DIVINITY SCHOOL.

ELMER H. CAPEN, D.D., *President*.
THOMAS J. SAWYER, D.D., *Dean*.
CHARLES H. LEONARD, D.D.
WILLIAM G. TOUSEY, A.M., B.D.
GEORGE T. KNIGHT, A.M., B.D., *Secretary*.
GEORGE M. HARMON, A.M., B.D.
MOSES T. BROWN, A.M.

ALONZO A. MINER, D.D., LL.D.
EDWIN C. BOLLES, PH.D., D.D.
GEORGE T. FLANDERS, D.D.
CHARLES H. EATON, D.D.

STUDENTS.

SENIOR CLASS.

Dunham, Hallie Gardner,	<i>Attleboro,</i>	West Hall, 22.
Gould, William Hilton, A.B.,	<i>E. Turner, Me.,</i>	West Hall, 25.
Holden, James Harry, A.B.,	<i>Middlesex, Vt.,</i>	West Hall, 24.
Libby, Wentworth Roscoe,	<i>Chelsea,</i>	West Hall, 24.
Marggraf, Edward Everett,	<i>Caledonia, Ohio,</i>	West Hall, 28.
Marvin, Judson Patterson,	<i>Boston,</i>	West Hall, 21.
Marvin, Thomas Oliver,	<i>Boston,</i>	West Hall, 21.
Payson, Fred Le Roy,	<i>Hope, Me.,</i>	West Hall, 25.
Tomlinson, Irving Clinton, A.M.,		
(Buchtel College),	<i>Akron, O.,</i>	West Hall, 28.
White, Henry Scott,	<i>Boston,</i>	West Hall, 22.

MIDDLE CLASS.

Hall, Charles Priest,	<i>Troy, N. Y.,</i>	West Hall, 26.
Penniman, George Wallace, A.B.,	<i>Somerset,</i>	Mr. Merrill's.
Robinson, Harvey Eugene,	<i>Springfield, Vt.,</i>	West Hall, 23.
Torsleff, Andrew Jacob,	<i>Chelsea,</i>	Absent.
Williams, Levi Oscar, A.B.,		
(Dartmouth College),	<i>Nottingham, N. H.,</i>	West Hall, 32.

JUNIOR CLASS.

Albion, James Francis,	<i>College Hill,</i>	Mr. Magee's.
Cushman, Herbert Ernest, A.B.,		
(Bates College),	<i>Lewiston, Me.,</i>	No. 5 Weare St.
Fisher, Thomas Baldwin Thayer,	<i>Charlotte, Me.,</i>	Mr. Dow's.
Payne, Thomas Birton,	<i>Towanda, Pa.,</i>	West Hall, 27.
Pease, Lewis Edwin,	<i>Medford,</i>	Mr. Small's.
Powers, Levi Moore,	<i>Newry, Me.,</i>	Absent.
Priest, Fred Clarence,	<i>Winchester, N. H.,</i>	Mr. Merrill's.

SUB-JUNIOR CLASS.

Abbott, Charles Wheeler,	<i>Derry, N. H.,</i>	West Hall, 27.
Atwood, Luther Weston,	<i>Auburn, Me.,</i>	Mrs. Perry's.
Clark, Nathan Seymour,	<i>Lynn,</i>	West Hall, 16.
Ferry, Augustus Lucius,	<i>Boston,</i>	West Hall, 13.
Fister, Harry Fay,	<i>Sturgis, Mich.,</i>	West Hall, 26.
Hammond, Joseph Frank,	<i>New Gloucester, Me.,</i>	West Hall, 31.
Marshall, Harold,	<i>Kingston, N. H.,</i>	West Hall, 16.
Peshdimaljian, Barour Michael,	<i>Adrianople, Turkey,</i>	West Hall, 29.
Rose, Henry Reuben,	<i>Philadelphia, Pa.,</i>	West Hall, 31.

SPECIAL STUDENTS.

Gassauer, Julius,	<i>College Hill,</i>	Prof. Fay's.
Ross, Amos Arnold,	<i>Chelsea,</i>	West Hall, 23.
Trickey, William Henry,	<i>Dover, N. H.,</i>	Mid. Hall, 5.

ADMISSION

TO

THE THEOLOGICAL COURSE.

Candidates unknown to the Faculty must bring satisfactory testimonials of good character. They must believe in the Christian religion, and have a sincere purpose to devote their lives to the Christian ministry. It is expected that they will present themselves on the day preceding the first day of the academic year.

Bachelors of Arts are admitted to the Junior Class without examination. Candidates for the Four-Years Course are examined in some one of the Greek Classics or in the Greek of the Gospels, and in the English studies usually pursued in High Schools.

Applicants may be admitted to the school for any period of not less than one year. Those applying for admission to an advanced standing are examined in the studies which have been pursued by the class they propose to enter.

It is earnestly recommended that all who are contemplating a course of theology should take, as preliminary, a full collegiate course of study. The call is for men of liberal culture, and it has been found that academic discipline is of great value as a preparation for professional studies. It has not been thought expedient, however, to make such a requisition, for it has been found that earnest and capable men aspire to the Christian ministry, whose circumstances forbid such extensive preparation. To meet the wants of such, and yet provide for thorough training and comprehensive development, a four-years course has been instituted.

COURSE OF STUDY.

SUB-JUNIOR CLASS.

RHETORIC. — Principles of Effective Speech ; Rhetorical Analysis ; Themes.

PSYCHOLOGY. — The Intellect ; The Sensibilities ; Leading Questions of Mental Philosophy.

LOGIC. — Deduction ; Induction.

LANGUAGES. — New Testament Greek ; Hebrew ; German.

JUNIOR CLASS.

LOGIC. — Fallacies ; Study of Arguments.

HISTORY. — History of the Jews until the Time of Christ ; The Life of Christ ; History of the Church and of Doctrines from the Apostles to the Treaty of Westphalia.

NEW TESTAMENT. — Hermeneutics ; Illustrations of Principles in Exegesis ; Examination of Questions in New Testament Criticism.

HOMILETICS. — History of Preaching ; The Conception and Structure of the Sermon ; Homiletical Analysis of Portions of the New Testament.

MIDDLE CLASS.

PSYCHOLOGY. — The Will ; The Moral Nature ; Practical Ethics.

HISTORY. — History of the Modern Sects and Doctrines.

NEW TESTAMENT. — Study of the Parables ; Theology of the New Testament.

OLD TESTAMENT — Historical Study of the Prophets.

SYSTEMATIC THEOLOGY. — Apologetics ; Theology ; Anthropology ; Eschatology.

HOMILETICS. — Study of the Sermons of Eminent Preachers ; Lectures ; The Composition and Delivery of Sermons.

SENIOR CLASS.

PSYCHOLOGY. — Types of Ethical Theories ; Christian Ethics.

NATURAL THEOLOGY. — Theistic Arguments ; Special Studies with reference to the Evidences of Order and Design ; Relations of Science and Religion.

COMPARATIVE THEOLOGY. — Study of the Non-Christian Systems.

HOMILETICS. — Lectures on Sermon-style and on Preaching ; The Composition and Delivery of Sermons.

CHURCH GOVERNMENT. — The Ecclesiastical Polity of the New Testament ; The Polity of Special Churches Compared ; The Government and Discipline of the Universalist Church.

PASTORAL THEOLOGY. — Pastoral Qualifications and Duties ; The Administration of Religion in general ; Organized work in the Parish.

GENERAL INFORMATION.

RELIGIOUS EXERCISES.

Devotional services are held daily in the Chapel ; also, weekly evening Prayer Meetings. Members of the upper classes prepare sermons and preach them in turn before the class.

EXAMINATIONS.

Frequent written reviews are held in all departments ; and when any subject is completed the students are required to pass a public written examination thereon.

LIBRARIES AND LECTURES.

Students have free access to the general library of the College, also to the valuable library of the Universalist Historical Society. Important public libraries of Boston are open to students for consultation.

Supplementary lectures, which bear upon the general work of the Christian Ministry, and upon special subjects of study, are given at intervals throughout the year by well-known Clergymen of the vicinity.

ELECTIVE STUDIES.

Students are permitted to elect studies in other departments of the College, subject however to the discretion of the Faculty.

GENERAL FACILITIES.

Important facilities for general improvement are offered to students, in the valuable libraries and museums of Boston and vicinity. Elaborate courses of lectures on scientific, social, and literary subjects are presented to the public from time to time. The most noted divines of New England officiate every Sunday within easy distance, and may be studied by the student in respect to their teachings and their methods. It is the policy of the school to encourage the judicious use of these important instrumentalities of culture.

COURSES OF STUDY AND DEGREES.

THE FULL COURSE for Bachelors of Arts occupies three years; for all others, four years. Special courses occupy respectively one, two, and three years.

THE DEGREE OF BACHELOR OF DIVINITY is conferred upon college graduates who sustain satisfactorily an examination on the studies of the prescribed Course, and upon others who, in the judgment of the Faculty, have made equivalent attainments. Diplomas certifying to attainments are conferred upon those who have taken in a satisfactory manner the Four-Years Course.

THE DEGREE OF MASTER OF ARTS is conferred at the same time with the Degree of Bachelor of Divinity upon Bachelors of Arts of Tufts College who have pursued with distinction the full course for B.D. This degree is conferred under the same conditions on Bachelors of Arts of other Colleges whose courses of study have been equivalent to the course for which the degree of A.B. is given by Tufts College.

Opportunities for pursuing advanced studies are offered to graduates and to others sufficiently qualified.

ROOMS AND EXPENSES.

The rooms assigned to the Divinity Students are in the West Hall. Each study is provided with suitable furniture; and the bedroom adjoining each study is furnished with bedstead, bureau, etc.

Tuition, room-rent, and use of furniture, free. The price of board is about \$3.00 per week. The necessary school expenses, including board, washing, fuel, light, text-books, etc., will not exceed two hundred dollars per year.

The General Convention of Universalists aids students by a system of loans; and those in the regular course who have shown sufficient maturity are permitted to preach, under the direction of the Faculty, during the year and a half preceding their graduation. In this way they may add to their pecuniary resources.

THE GREENWOOD SCHOLARSHIP.

The income of one thousand dollars will be given in prizes to members of the Divinity School for excellence in the department of Elocution.

For the year 1887, these prizes were awarded to JAMES HARRY HOLDEN, ANDREW JACOB TORSLEFF, and LEVI OSCAR WILLIAMS.

CALENDAR.

1887.

- Sept. 22. College Year begins, Thursday morning.
Sept. 25. Russell Lecture, Sunday, 4 P.M.
Dec. 21. Recess begins, Wednesday evening.

1888.

- Jan. 4. Recess ends, Wednesday evening.
Feb. 4. Limit of time for reporting Electives.
Feb. 11. End of first half-year, Saturday.
June 12. Prize Speaking and Reading, Tuesday, 3 P.M.
June 17. Baccalaureate Sermon, Sunday, 4 P.M.
June 20. Commencement, third Wednesday in June.
June 21. Examination for Admission begins, Thursday, 9 A.M.

SUMMER VACATION, THIRTEEN WEEKS.

- Sept. 18. Second Examination for Admission, Tuesday, 9 A.M.
Sept. 19. Examination for Admission to the Divinity School.
Sept. 20. College Year begins, Thursday morning.
Sept. 22. Limit of time for reporting Electives.
Sept. 23. Russell Lecture, Sunday, 4 P.M.
Oct. 8. Annual Meeting of the Board of Trustees, Monday.

In addition to the above-mentioned recesses, College Exercises are suspended from Wednesday afternoon of Thanksgiving and Fast-Day weeks until the following Monday morning.

NOTE. — The College is four miles from Boston. Post-Office address, COLLEGE HILL, MASS.

Trains stopping at College Hill, leave the station of the Lowell Railroad in Boston, at 6.55, 7.35, 8.10, 9.05, 10.15, 11.30 A.M., 12.10, 1.45, 2.30, 3.30, 4.30, 5.05, 5.50, 6.20, 6.40, 7.15, 9.00, 11.15 P.M. Sunday, 10.15 A.M., 1.05, 1.30, 4.00, 5.30, 7.15, 10.15 P.M. Return, at 6.14, 6.30, 7.02, 7.19, 7.46, 8.09, 8.47, 9.18, 10.45 A.M., 12.02, 1.30, 2.31, 3.41, 4.23, 5.40, 7.06, 8.49, 9.44, 10.29 P.M. Sunday, 9.16 A.M., 12.10, 12.56, 2.49, 4.26, 6.19, 6.56, 8.55 P.M.

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1888/89
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CATALOGUE
OF THE
OFFICERS AND STUDENTS
OF
TUFTS COLLEGE.
1888-89.

BOSTON:
PRINTED BY WALLACE SPOONER,
17 PROVINCE STREET.
1888.

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(*English Literature and Philosophy.*)
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(*Railroads and Mechanics, for A. M. M.*)
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(*Special Student in Chemistry.*)
- BROWN, ROBERT CALTHROP, '88 *College Hill.*
(*Special Student in Physics.*)

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Cate, Isaac Wallace,	<i>N. Montpelier, Vt.,</i>	West Hall, 8.
Crandall, Edwin Joel,	<i>Reading, Vt.,</i>	East Hall, 11.
Davis, Brackett Wright,	<i>Haverhill,</i>	West Hall, 8.
Eddy, William Best,	<i>Troy, N. Y.,</i>	West Hall, 4.
Hero, George Hoyt,	<i>Westboro,</i>	Mid. Hall, 2.
Hollister, Orlando Knapp,	<i>N. Montpelier, Vt.,</i>	West Hall, 6.
Keyes, Wade,	<i>Reading, Vt.,</i>	East Hall, 11.
Lawrence, Eugene Burt,	<i>Stow,</i>	West Hall, 1.
Loomis, Burdett Henry,	<i>Smithville, N. Y.,</i>	Mid. Hall, 2.
Maxham, Herbert Olin,	<i>S. Pomfret, Vt.,</i>	West Hall, 2.
Montague, David Thompson,	<i>Woodstock, Vt.,</i>	West Hall, 4.
Reed, Charles Lincoln,	<i>Hudson,</i>	West Hall, 1.
White, Charles Obed,	<i>Woonsocket, R. I.,</i>	East Hall, 16.

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Herrick, Charles Russell,	<i>Beverly,</i>	Mid. Hall, 3.
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Newton, Elbridge Ward,	<i>Townsend, Vt.,</i>	East Hall, 30.
Pattee, John Holt,	<i>Enfield, N. H.,</i>	Dean Hall, 2.
Pearson, Walter Ambrose,	<i>Nashua, N. H.,</i>	East Hall, 18.
Ricketts, William Luther,	<i>Monson,</i>	East Hall, 22.
Rounds, Stephen,	<i>E. Baldwin, Me.,</i>	Mid. Hall, 3.
Sewall, Willis Fuller,	<i>Livermore Falls, Me.,</i>	West Hall, 9.
Smith, Harry Winfield,	<i>Auburn, Me.,</i>	Mid. Hall, 9.
Snow, William Crocker,	<i>Ottawa, Ill.,</i>	East Hall, 19.

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Denison, William Kendall,	<i>Newtonville,</i>	Dean Hall, 6.
Dolliver, George Carroll,	<i>Gloucester,</i>	East Hall, 31.
Gerrish, George Mayo,	<i>Woburn,</i>	Mid. Hall, 4.
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Perkins, Frederick William,	<i>Roxbury,</i>	Dean Hall, 7.
Potter, Harry Austin,	<i>Boston,</i>	Mr. Potter's.
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Stover, Charles Livingston,	<i>Haverhill,</i>	West Hall, 12.
Towle, George Gilman,	<i>Dover, N.H.,</i>	Mid. Hall, 4.
Tucker, Charles Rollins,	<i>Stoughton,</i>	Mid. Hall, 10.
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Burrington, Frank Chase,	<i>Belfast, Me.,</i>	Dean Hall, 1.
Carter, Horace Choate,	<i>Springfield,</i>	West Hall, 16.
Cobb, Joseph Fernald,	<i>Deering, Me.,</i>	East Hall, 25.
Gray, William Southwick,	<i>College Hill,</i>	Mid. Hall, 10.
Hunt, Philip Barstow,	<i>Portland, Me.,</i>	Dean Hall, 3.
Johnson, Melvin Maynard,	<i>Waltham,</i>	Dean Hall, 10.
Kimball, Fred Elbert,	<i>Gaysville, Vt.,</i>	West Hall, 11.
Lyon, Fred Dow,	<i>N. Attleboro,</i>	West Hall, 13.
North, Frank Allen,	<i>Boston,</i>	Dean Hall, 10.
Perry, Henry Joseph,	<i>Hudson, N.Y.,</i>	West Hall, 14.
Peterson, Arthur Everett,	<i>Weymouth,</i>	East Hall, 26.
Putnam, Bertrand Flavel,	<i>New Salem,</i>	East Hall, 25.
Randall, Arthur Gile,	<i>N. Attleboro,</i>	West Hall, 13.
Williams, Loring George,	<i>Nottingham, N.H.,</i>	East Hall, 14.
Willis, Charles Austin,	<i>Waltham,</i>	Dean Hall, 5.
Willis, Dwight Fletcher,	<i>Waltham,</i>	Dean Hall, 5.

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Cushing, Carl Dana,	<i>Bethel, Vt.,</i>	West Hall, 11.
Dimick, Bertran Myron,	<i>S. Woodstock, Vt.,</i>	Mid. Hall, 4.
Hunt, Charles Henry,	<i>Palmer,</i>	East Hall, 14.
Keirn, Gideon Isaac,	<i>College Hill,</i>	Prof. Tousey's.
Kennard, Harry Delano,	<i>Somerville,</i>	Mid. Hall, 7.
Libby, Wentworth Roscoe,	<i>Chelsea,</i>	Mid. Hall, 6.
Marggraf, Edward Everett,	<i>Caledonia, O.,</i>	Mid. Hall, 6.
Marvin, Thomas Oliver,	<i>Boston,</i>	Dean Hall, 7.
Morison, Charles Haines,	<i>Medford,</i>	East Hall, 18.
Penniman, George Arthur,	<i>Lowell,</i>	Dean Hall, 8.
Weeks, John Burgess,	<i>St. Albans, Vt.,</i>	Dean Hall, 11.
Wells, William Francis,	<i>Auburn, Me.,</i>	Dean Hall, 9.

DEPARTMENT OF ENGINEERING.

THIRD CLASS.

Felton, William Churchill,	<i>Monson,</i>	East Hall, 22.
Folsome, Arthur Adams,	<i>Springfield,</i>	East Hall, 9.
Lamson, John Stevens,	<i>Charlestown,</i>	Mid. Hall, 8.
Nickerson, Alvano Thomas,	<i>Somerville,</i>	Mid. Hall, 8.
Simons, Frank Norman,	<i>Weare, N.H.,</i>	East Hall, 16.

SECOND CLASS.

Babson, Albert Duley,	<i>Gloucester,</i>	East Hall, 6.
Beals, Walter Leonard,	<i>Middleboro,</i>	East Hall, 28.
Daniels, Frank Thomas,	<i>Coleraine,</i>	Mid. Hall, 11.
Hamilton, Henry Arthur,	<i>Bolton,</i>	East Hall, 10.
Hickok, Frederick Sherman,	<i>Methuen,</i>	Mid. Hall, 1.
Pettingill, Alvah Garcelon,	<i>Livermore Falls, Me.,</i>	West Hall, 9.
Toppan, Arthur Wellington,	<i>Charlestown,</i>	East Hall, 18.

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Brown, Robert Pond,	<i>Whiting, Vt.,</i>	Mid. Hall, 12.
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Pottle, William Courtney,	<i>Somerville,</i>	Mid. Hall, 7.
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Stephenson, Frank Henry,	<i>Hudson,</i>	West Hall, 7.
Teele, Fred Warren,	<i>W. Somerville,</i>	Mr. Teele's.
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REQUISITIONS FOR ADMISSION.

For admission to the Freshman Class, an Examination must be well sustained in the following studies :—

LATIN.—Cæsar's Gallic War; Books I.-IV.; Cicero's Orations, those against Catiline, for Archias, Marcellus, and the Manilian Law; Virgil's *Æneid*, Books I.-VI.; Ovid's *Metamorphoses*, 2500 lines; Allen and Greenough's, or Harkness's Grammar, including Prosody; Harkness's Latin Composition, to Part III., and translation into Latin of a connected passage of English prose, not taken from the text-book, but involving only familiar words and idioms.

While the foregoing requirements are preferred, equivalents will be accepted; also, in place of the last two orations of Cicero and the specified amount of Ovid, an examination may be taken, if desired, on average passages from each of the above-named works, not included in the portions prescribed.

GREEK.—I. Three Books of Homer's *Iliad*; four Books of Xenophon's *Anabasis*; Hadley's, Crosby's, Curtius's, or Goodwin's Greek Grammar, including Prosody; writing Greek with the accents; or, as an alternative,

II. Translation at sight of easy passages of the *Anabasis* and of average passages from the *Iliad* (with a vocabulary of the less-used words), in place of the quantity requisition in Xenophon and Homer; Prose Composition as in I.

It is recommended that special attention be given to translating English into Greek and Latin, and that pupils be accustomed to this exercise from the beginning of the preparatory course.

GERMAN OR FRENCH.—For Admission to the Philosophical Course, German or French may be substituted for Greek. The candidate must give evidence of a thorough knowledge of the accidence and more important principles of syntax of the language presented, and be able to render simple English sentences into the

same, and must have translated the equivalent of two hundred duodecimo pages, including one classic drama. (After 1889 the requisition in translation will be increased to at least five hundred pages.) Joynes's Meissner's German Grammar, or Chardenal's French Course may represent the amount of text-book work in grammar and composition required for preparation in these languages.

MATHEMATICS.—Arithmetic, with the Metric System ; Algebra through Quadratic Equations, including Radical Quantities, together with Proportion, Arithmetical and Geometrical Progressions, and the Binomial Theorem for positive integral exponents ; Plane Geometry.

GEOGRAPHY AND HISTORY.—Outlines of Ancient Geography ; Smith's Smaller History of Greece, to the death of Alexander ; Leighton's or Smith's History of Rome.

ENGLISH GRAMMAR AND COMPOSITION.—Spelling ; Punctuation ; Structure of Sentences ; Correct Use of Words ; Clearness of Expression. The examination will consist,—1. in writing a short composition on a subject assigned ; 2. in criticising specimens of incorrect English. Subjects for compositions will be drawn from standard works in English Literature. All the books named for a given year are to be read, and from two or three of them subjects will be assigned at the time of examination.

For 1889.—Shakespeare's *Julius Cæsar* and *As You Like It*; Gray's *Elegy* written in a Country Churchyard; Scott's *Marmion*; Thackeray's *English Humorists*; Miss Austen's *Pride and Prejudice*; Scott's *Rob Roy*.

For 1890.—Shakespeare's *Julius Cæsar* and *Midsummer Night's Dream*; Coleridge's *Ancient Mariner*; Longfellow's *Evangeline*; Macaulay's *Essay on Lord Clive*; Thackeray's *English Humorists*; Webster's first *Bunker Hill Oration*; Scott's *Quentin Durward*; George Eliot's *Silas Marner*; Hawthorne's *House of the Seven Gables*.

For 1891.—Shakespeare's *Julius Cæsar* and *Merchant of Venice*; Coleridge's *Ancient Mariner*; Longfellow's *Evangeline*; Macaulay's *Essay on Lord Clive*; Webster's first *Bunker Hill Oration*; Irving's *Alhambra*; Scott's *Old Mortality*; George Eliot's *Silas Marner*; Hawthorne's *House of the Seven Gables*.

For 1892.—Shakespeare's *Julius Cæsar* and *As You Like It*; Scott's *Marmion*; Longfellow's *Courtship of Miles Standish*; Addison's *Sir Roger de Coverley Papers*; Macaulay's second *Essay on the Earl of Chatham*; Webster's first *Bunker Hill Oration*; Irving's *Alhambra*; Scott's *Talisman*; George Eliot's *Scenes from Clerical Life*; Hawthorne's *House of the Seven Gables*.

The regular examination for admission will begin on the day after Commencement, and continue through the following day. A second examination will also be held on the Tuesday and Wednesday preceding the beginning of the college year. The examination will begin at 9 o'clock A.M., on each of these days.

For admission to an advanced class, an examination must be well sustained both in the preparatory studies and in the studies through which such class has passed. To be admitted to advanced standing, one must also pay half the tuition of the previous portion of the course, unless he comes from another college ; provided that if he be admitted at the beginning of the Senior year, the tuition of the Junior year shall be the only arrears required of him.

At the regular examination in June, those who will be candidates for admission to the Freshman class one year later may present themselves for a preliminary examination, if certified by their teachers to be prepared on not less than nine of the sixteen subjects enumerated on the preceding pages, and may receive certificates if they pass on not less than seven. In making up the sixteen, Latin represents six subjects, Greek, German, or French four, Mathematics three, History two, and English (to be presented only at the final examination) one.

While under certain conditions, the certificates of teachers in good standing are accepted in lieu of an examination, this method of admission is regarded with disfavor. Candidates so admitted will be considered as upon a special probation, which may be terminated at any time if their preparation is found to be inadequate. The certificate, to be received, must specify which of the subjects have been pursued, and to what extent, or what are offered as equivalents in case the preparatory course has differed from that presupposed in the foregoing requisitions, and must express the opinion of the teacher that the candidate is well prepared to enter upon a college course. Blank forms of the certificate will be sent to teachers on application to the Secretary of the Faculty.

COURSE OF STUDY.

FRESHMAN CLASS.

LATIN. — Livy ; Cicero de Senectute ; Horace, Odes and Epodes ; Bennett's First Latin Exercises, with Extempore Exercises.

Four hours a week for the year.

ROMAN HISTORY. — Liddell ; Rawlinson's Manual ; Ramsay's Elementary Manual of Roman Antiquities, with Illustrated Lectures ; Lectures on the History of the Latin Language and Literature.

Two hours a week for the year.

GREEK. — Xenophon ; Herodotus ; Thucydides ; Homer's Odyssey ; Dialects ; Prose Composition ; Goodwin's Greek Moods and Tenses.

Six hours a week for first, five for second half-year.

MATHEMATICS. — Wells's University Algebra ; Welsh's Solid and Spherical Geometry ; Wells's Trigonometry.

Four hours a week for the year.

ORATORY. — Declamations ; Lectures.

Two hours a week for second half-year.

RHETORIC. — Extemporaneous Composition.

One hour a week for first half-year.

SOPHOMORE CLASS.

LATIN. — Horace, Satires and Epistles ; Cicero, Second Philippic ; Annals of Tacitus ; Latin Composition, with Extempore Exercises.

Four hours a week for first, three for second half-year.

FRENCH. — Whitney's Practical French Grammar ; Rougemont, La France.

Six hours a week for second half-year.

GREEK. — The Orators ; Prose Composition.

Four hours a week for first half-year.

PHYSICS. — Daniell's Principles.

Three hours a week for second half-year.

MATHEMATICS. — Briggs's and Wentworth's Analytic Geometry ; Applications of Trigonometry ; Special Trigonometry.

Four hours a week for first half-year.

ORATORY. — Lectures ; Declamations.

Two hours a week for second half-year.

RHETORIC. — Genung's ; Four Themes ; Extemporaneous Composition.

Four hours a week for first half-year.

Also three hours a week for the second half-year in one of the following

ELECTIVE STUDIES :

GREEK. — The Dramatists ; Study of Metres.

RHETORIC. — Analysis of Speeches, The Principles of Rhetoric as applied in Oratory.

ENGLISH LITERATURE. — Chaucer to Shakespeare.

NATURAL HISTORY. — Martin, The Human Body.

JUNIOR CLASS.

GERMAN. — Theoretical Grammar in Lectures ; Joynes's Meissner's Grammar ; Bernhardt, Im Zwielficht ; Klemm, Poesie für Haus und Schule.

Six hours a week for first half-year.

PHYSICS. — Daniell's Principles ; Peck's Astronomy.

Four hours a week for first, three for second half-year.

CHEMISTRY. — Inorganic Chemistry, with recitations and Lectures.

Three hours a week for first half-year.

PSYCHOLOGY. — Sully's.

Four hours a week for second half-year.

RHETORIC. — Four Themes ; Extemporaneous Composition.

Also three hours a week for the first, and nine for the second half-year in one of the following

ELECTIVE STUDIES :

GREEK. — Plato.

LATIN. — Juvenal ; Cicero.

GERMAN. — Göthe, Hermann and Dorothea ; Wieland, Oberon (selections) ; Lessing, Minna von Barnhelm.

FRENCH. — Dramatists of the Classic Period ; Modern Novelists ; Plœtz, Nouvelle Grammaire Française (basée sur le latin).

RHETORIC. — English Composition, first half-year.

ENGLISH LITERATURE. — Milton to Johnson, first half-year ; Cowper to Byron, second half-year.

PHYSICS. — Investigations in the Laboratory ; Physical Manipulations, Pickering, Kohlrausch ; Light, Glazebrook ; Electricity, Trowbridge ; Projection, Dolbear.

CHEMISTRY. — Inorganic Chemistry, Laboratory Work, for the year. — Organic Chemistry, with Lectures and recitations ; Qualitative Analysis, second half-year.

NATURAL HISTORY. — Bastin's Botany, Gray's Lessons and Manual ; Zoölogy, Nicholson's and Packard's, second half-year.

ENGINEERING. — Descriptive Geometry ; Draughting.

MATHEMATICS. — Differential and Integral Calculus.

ORATORY. — Special Drill in Reading and Declamation.

SENIOR CLASS.

MORAL PHILOSOPHY. — Calderwood's Moral Science.

Four hours a week for first half-year.

POLITICAL ECONOMY. — Fawcett's, with Lectures.

Four hours a week for second half-year.

LOGIC. — Jevons's.

Four hours a week for first half-year.

RHETORIC. — Four Themes ; Practical Exercises in Invention.

Also six hours a week for the first, and ten for the second half-year in two or more of the following

ELECTIVE STUDIES :

JURISPRUDENCE. — Ancient Law ; Roman Law ; International Law ; Constitutional Law ; Lectures.

ENGLISH LITERATURE. — 1830 to the present time, first half-year ; Studies in Literary Criticism, second half-year.

HISTORY OF PHILOSOPHY, first half-year.

LOGIC, second half-year.

GREEK, LATIN.

GERMAN. — Vilmar, Geschichte der deutschen Literatur ; Göthe, Faust ; Contemporary Prose.

FRENCH. — Histoire de la littérature française, — Demogeot, P. Albert ; Authors of the Romantic School ; Advanced Composition.

ITALIAN. — Grandgent's Grammar : De Amicis, Olanda.

MATHEMATICS. — Geometry of Three Dimensions ; Mechanical and Architectural Drawing ; Salmon's Conic Sections ; Advanced Mathematics.

CHEMISTRY. — Assaying, Laboratory Work ; Quantitative Analysis ; Organic Chemistry, Laboratory Work.

PHYSICS. — Conservation of Energy, Stewart, Spencer ; Natural Philosophy, Thomson and Tait ; Heat, Maxwell ; Electricity, Thomson, Cummings, Gray, Gordon ; Investigations in the Physical Laboratory, Glazebrook, Pickering, Kohlrausch.

NATURAL HISTORY. — Geology, Le Conte's with Lectures ; Mineralogy with Lectures ; Biology, Huxley and Martin's ; Botany, Bessie's ; Zoölogy, Nicholson's and Packard's, with Practical Work in the Laboratory, first half-year. — Mineralogy, Dana's Text-Book ; Plattner's Manual of Qualitative and Quantitative Blowpipe Analysis, with Laboratory Work ; Winchell, Geological Studies, second half-year.

ENGINEERING. — Topographical Surveying and Drawing ; Steam-Engine.

ORATORY. — Special Drill in Reading and Declamation.

PHILOSOPHICAL COURSE.

This course, leading to the degree of Bachelor of Philosophy, includes all the studies of the preceding course except Greek, for which the Modern Languages are substituted. It also offers an opportunity for pursuing elective studies to a somewhat greater extent.

The course of study coincides with the foregoing in the Senior year, and varies from it in the first three years, according as German (Course A) or French (Course B) has been presented for admission, as follows : —

FRESHMAN CLASS.

In the place of Greek,

GERMAN (Course A). — Brandt's Grammar ; Historical Prose ; Dramatists of the Classic Period ; Composition.

Three hours a week for first, four for second half-year.

FRENCH (Course B). — Chardenal's Second French Course, and Advanced Exercises ; Historical Prose ; Dramatists of the Classic Period ; Modern Novelists.

Three hours a week for first, four for second half-year.

And in both courses, three hours a week for the first half-year in one of the following

ELECTIVE STUDIES :

HISTORY. — Of Greece ; or of England.

ENGLISH. — Development of the Language.

SOPHOMORE CLASS.

Course A, in the place of Greek,

GERMAN. — Vilmar, Geschichte der deutschen Literatur ; Göthe, Faust ; Contemporary Prose.

Three hours a week for first half-year.

Course B, in the place of Greek and French,

GERMAN. — Theoretical Grammar in Lectures ; Joynes's Meissner's Grammar ; Bernhardt, Im Zwielficht ; Klemm, Poesie für Haus und Schule ; Göthe, Hermann und Dorothea ; Wieland, Oberon (selections) ; Lessing, Minna von Barnhelm.

Six hours a week for first, three for second half-year.

JUNIOR CLASS.

In the place of elementary German,

FRENCH (Course A). — Plœtz, Nouvelle Grammaire Française (basée sur le latin) ; Historical Prose ; Dramatists of the Classic Period ; Modern Novelists.

Three hours a week for first, four for second half-year.

GERMAN (Course B). — Brandt's Grammar ; Historical Prose ; Dramatists of the Classic Period ; Composition.

Three hours a week for first, four for second half-year.

And in both courses, three additional hours of elective work for the first half-year in one of the studies open to Juniors.

DEPARTMENT OF ENGINEERING.

The degree of Bachelor of Mechanic Arts is conferred on those students who complete the prescribed studies of three years in the department of Engineering. The studies are arranged in two courses, for Civil and Electrical Engineers, and the course for which the degree is conferred is stated in the diploma.

The requisitions for admission are Mathematics, English Grammar, and Composition, as stated on page 15.

Students of the Classical and Philosophical courses may so arrange their elective work as to make it possible to obtain the degree in Engineering after a post-graduate course of one year in this department.

COURSE IN CIVIL ENGINEERING.

FIRST YEAR.

MATHEMATICS. — Wells's University Algebra ; Welsh's Solid and Spherical Geometry ; Wells's Trigonometry.

Four hours a week for the year.

DESCRIPTIVE GEOMETRY ; SHADES AND SHADOWS ; PERSPECTIVE.

Three hours a week for the year.

SURVEYING. — Theory, with Elementary Practice ; Compass Surveys.

Three hours a week for second half-year.

RHETORIC. — Genung's ; Four Themes ; Extemporaneous Composition.

Four hours a week for first half-year.

FRENCH. — Whitney's Practical French Grammar ; Rougemont, La France.

Six hours a week for second half-year.

DRAWING. — Plotting ; Orthographic Projection.

Three hours a week for the year.

PRACTICAL WORK. — Woodwork ; Carpentering ; Pattern-Making ; Turning.

Three hours a week for first half-year.

SECOND YEAR.

MATHEMATICS I. — Wentworth's Analytic Geometry ; Applications of Trigonometry.

Four hours a week for first half-year.

MATHEMATICS. — Differential and Integral Calculus.

Three hours a week for the year.

MECHANICS. — Daniell's.

Three hours a week for second half-year.

STEAM-ENGINE. — Theory and Construction.

Four hours a week for second half-year.

TOPOGRAPHY. — Field Work and Drawing.

Three hours a week for the year.

PHYSICS. — Daniell's Principles ; Peck's Astronomy.

Four hours a week for first, three for second half-year.

CHEMISTRY. — Inorganic Chemistry, with recitations and Lectures.

Three hours a week for first half-year.

THIRD YEAR.

MATHEMATICS. — Differential and Integral Calculus.

Three hours a week for the year.

MECHANICS. — Applied Mechanics.

Four hours a week for the year.

CIVIL ENGINEERING. — Strength of Materials ; Stability of Structures of Stone, Wood, and Iron ; Drainage and Sewerage ; Hydraulics.

Four hours a week for the year.

ROAD ENGINEERING. — Surveys and Estimates.

Three hours a week for first half-year.

DRAWING. — Structures and Machines.

Three hours a week for the year.

NATURAL HISTORY. — Mineralogy, Dana's Text Book ; Plattner's Manual of Qualitative and Quantitative Blowpipe Analysis, with Laboratory Work.

Optional, three hours a week for second half-year.

ELECTRICITY. — Optional, as an alternate with Natural History.

PREPARATION OF THESIS.

COURSE IN ELECTRICAL ENGINEERING.

This course varies from the foregoing as follows : —

FIRST YEAR.

In the place of Surveying,
MECHANICS. — Daniell's.

Three hours a week for second half-year.

SECOND YEAR.

In the place of Topography,
PHYSICS. — Investigations in the Laboratory.

Three hours a week for the year.

PRACTICAL WORK. — Filing ; Turning ; Screw-cutting.

Three hours a week for second half-year.

THIRD YEAR.

In the place of Civil Engineering, Road Engineering, Drawing for the first half-year, and the optional study for the second half-year,

ELECTRICITY. — Mathematical Electricity.

Three hours a week for the year.

PHYSICS. — Laboratory Work, including Electrical Measurements and Applications of Electricity to Telegraph, Telephone, Lighting, Plating, and Transmission of Power.

Six hours a week for the year.

NOTE. — In the foregoing courses of study time spent in the laboratories, in drafting, and in other practical work, is reckoned in programme hours, each such hour representing two or three consecutive hours of class work, according to the department.

ADMINISTRATION OF THE COLLEGE.

ELECTIVE STUDIES.

The programme requires sixteen recitations a week or their equivalent, except in the Senior year, when fourteen are required. In addition to the regular electives requisite to fill this programme, extra electives may be taken, if, in the judgment of the Faculty, they can be profitably pursued. Choice of elective or optional studies for the first half-year must be signified in writing to the Faculty on or before the first Saturday of the college year, and for the second half-year on or before the last Saturday preceding mid-year. New elections may be made at such other times as are prescribed in the several departments.

RELIGIOUS OBSERVANCES.

All resident students are required to attend morning prayers in the Chapel.

All resident students are required to attend public worship on Sundays in the Chapel, except those of legal age, who, on their application to the President in writing, and minors, who, on the application of their parents or guardians, have been permitted to attend regularly elsewhere.

The RUSSELL LECTURE, established in accordance with a bequest of the late Hon. James Russell, of Arlington, is delivered before the Trustees, Faculty, and students on the first Sunday of the college year by either a clergyman or a layman, on a subject prescribed by the testator.

LIBRARY.

The Library, containing about 23,000 volumes and more than 8,000 pamphlets, is open to members of the College, both for consultation and for the drawing of books, from 9.30 to 5 on week-days, except Wednesday and Saturday afternoons.

JOY LIBRARY FUND. — This fund now amounts to \$25,000, one-half the income of which is devoted to the purchase of books for the Library.

GYMNASIUM.

The Goddard Gymnasium, furnished with apparatus under the direction of Dr. D. A. Sargent, is open daily from 9 to 12 and from 2 until sunset. Each student's exercise is adapted to his physical needs, as determined by medical examination, and measurements are made from time to time to ascertain the results of the training. Class instruction in gymnastics is given during the winter months.

EXPENSES.

College Charges (Tuition, Care of Rooms, In-

cidentals), per year	\$100.00	\$100.00
Half Room Rent, from \$15.00 to \$75.00 per year	15.00	75.00
Board, \$3.00 to \$4.00 per week	\$117.00	\$156.00
	<hr/>	<hr/>
Total	\$232.00	\$331.00

Students board in commons at \$3.00 per week ; in private families at \$3.00 to \$4.00. Other expenses vary with the economy of each student. Students furnish their own rooms.

The charges for each year are contained in two bills, of which the first is made at the middle of the year, and is payable on the first day of March ; the second is made immediately after Commencement, and is payable on the first day of the following college year ; but the second bill of the Senior year must be settled by the Saturday before Commencement.

SCHOLARSHIPS.

Scholarships in the gift of the College are as follows :—

THREE STATE SCHOLARSHIPS, of *one hundred dollars* each, established in accordance with a requisition of the Commonwealth.

FIVE HOWLAND SCHOLARSHIPS, of *one hundred dollars* each, established from the income of the bequest of the late Edwin Howland, Esq., of South Africa.

FIVE WALKER MATHEMATICAL SCHOLARSHIPS, of *one hundred dollars* each, established in honor of the late William J. Walker, M.D., of Newport, R. I.

THE PERKINS SCHOLARSHIP, of *fifty dollars*, founded by James D. Perkins, Esq., of Brooklyn, N. Y., by a donation of one thousand dollars.

THE A. A. MINER SCHOLARSHIP, of *fifty dollars*, established by a donation of one thousand dollars.

THE GREENWOOD PRIZE SCHOLARSHIP, the income from the bequest of one thousand dollars by the late Mrs. Eliza M. Greenwood, of Malden, given to such student as shall have made the best attainments in Oratory.

FOUR PRIZE SCHOLARSHIPS of NATURAL HISTORY (I. Tully, II. Olmstead, III. Leavenworth, IV. Miner), from the income of a special fund established by the late Charles Hyde Olmstead, given to such competitors as, in addition to the conditions of other scholarships, have made superior attainments in some assigned branch of Natural History with which these scholarships are associated.

PACKARD FREE SCHOLARSHIPS. — “ Ten students are admitted free of tuition, selected from those who, possessing good abilities, are destitute of the means of fully supporting themselves at the College. As fast as these students graduate from or leave the College, others are selected to take their places.”

THE MOSES DAY FUND, the income of five thousand dollars, is appropriated to the aid of needy and deserving young men.

These awards are made by the Board of Trustees on the recommendation of the Faculty. When voted, except the Free Scholarships, they are understood to cover the college year just ended. The obtaining of a scholarship for one year does not constitute any title to a second nomination.

APPOINTMENTS. — The pay of a Monitor is *twenty dollars* a year ; that of the Bell-ringer *one hundred dollars*.

Applications for Scholarships and other aids must be made to the Faculty on or before the first day of March ; and, if the applicant be a minor, must be sanctioned by his parent or guardian. No one need apply who has not made satisfactory progress or who has come under any grave censure in the course of the year.

PRIZES.

GODDARD PRIZES. — In the second term of the academical year, four prizes of *fifteen dollars* each are assigned from the Goddard Prize Fund, as follows :—

A Prize for the best Dissertation, by a member of the Senior Class, on a subject assigned.

A Prize for the best Examination in Plato's Symposium, or the Agamemnon of Æschylus, including an account of the author and his works.

A Prize for the best Latin Prose Translation, by a member of the Sophomore Class, of the first two Sections of Chapter LXVIII. in Liddell's History of Rome.

A Prize for the best Examination in the Mathematics of the Freshman year.

The Dissertations and Translations must be left at the President's office by the first of May, in sealed envelopes, accompanied by sealed letters containing the authors' names.

RHETORICAL PRIZES. — Six prizes are awarded, as follows :—

Two Prizes, of *twenty* and *ten dollars* respectively, to the best Readers of the Senior Class.

Two Prizes, of *twenty* and *ten dollars* respectively, to members of the Junior Class, for the best exhibition of improvement and skill in Elocution.

Two Prizes, of *twenty* and *ten dollars* respectively, on the same conditions, to members of the Sophomore Class.

The selections for Reading and Declamation must be approved by the Professor of Oratory. The names of competitors for the prizes in Reading and Elocution must be handed to the President at least two weeks before the day of trial.

ENTRANCE EXAMINATION PRIZES. — Two prizes, of *thirty* and *twenty dollars* respectively, are awarded for the best entrance Examinations. To receive either, the candidate must pass in all the subjects required for admission to college, and must be admitted without conditions. These prizes are payable at the end of the first half-year in college.

The foregoing prizes are not awarded, unless, in the opinion of the respective judges, there is sufficient merit in the several contests to warrant their distribution.

HONORS AND DEGREES.

SPECIAL HONORS will be conferred at Commencement upon any member of the Senior Class who shall have complied with the following conditions: 1. He must have excelled in the required work of the study in which he desires Honors, and also in the required work of two cognate studies. 2. In this and a cognate study, he must have taken the equivalent of six hours a week for a year of elective work, and must have passed the examinations on them with distinction. 3. He must pass an examination before a committee of the Faculty on as much extra work in the study in which he desires Honors as would be equal to two hours a week for a year. This examination may be oral, written, or by practical work, and may be so extended as to cover the whole work of the student in that department.

Departments are open for Honors as follows: I. Natural History, II. Physics, III. Chemistry, IV. Mathematics, V. Philosophy, VI. Modern Languages, VII. Classics.

A student is expected to apply for Honors as early as the middle of his Junior year, and may make up his standing in any study in which he is deficient. The grade of Honors, as well as the department, will be mentioned in the diploma and printed in the catalogue. Special requisitions may be made in any department.

THE DEGREE OF MASTER OF ARTS will be conferred upon such Bachelors of Arts and Bachelors of Philosophy as, having been accepted as candidates by the Faculty, shall pursue during a residence of not less than one year, and under the instruction of the Faculty, a prescribed course of study in at least two departments. The condition of residence may be waived, but in such case the required attainment must be ascertained by examination. This degree will be conferred, under the same conditions, on graduates of other colleges whose courses of study have been equivalent to the courses for which the degrees of A.B. and Ph.B. are given by Tufts College.

AWARDS OF PRIZES FOR 1887.

Preparatory School Prize Scholarship.

TO WILLIS FULLER SEWALL, fitted at Westbrook Seminary, and CLARENCE AUGUSTUS CROOKS, at Dean Academy.

For Reading.

TO COURTLAND KIMBALL BOLLES.

For Declamation.

TO GEORGE HOYT HERO and ISAAC WALLACE CATE, of the Junior Class; and WILLIAM CROCKER SNOW and WILLIAM LUTHER RICKETTS, of the Sophomore Class.

Entrance Examination Prizes.

TO WILLIAM KENDALL DENISON and HIRAM AUSTIN TUTTLE, of the Freshman Class.

DIVINITY SCHOOL.

FACULTY OF THE DIVINITY SCHOOL.

ELMER H. CAPEN, D.D., *President.*

THOMAS J. SAWYER, D.D., *Dean.*

CHARLES H. LEONARD, D.D.

WILLIAM G. TOUSEY, A.M., B.D.

GEORGE T. KNIGHT, A.M., B.D., *Secretary.*

GEORGE M. HARMON, A.M., B.D.

MOSES T. BROWN, A.M.

CHARLES W. BIDDLE, D.D.

HENRY I. CUSHMAN, D.D.

EDWARD L. HOUGHTON, A.M.

STUDENTS.

SENIOR CLASS.

Hall, Charles Priest,	<i>Troy, N.Y.,</i>	West Hall, 24.
Penniman, George Wallace, A.B.,	<i>Somerset,</i>	Mr. Merrill's.
Robinson, Harvey Eugene,	<i>Springfield, Vt.,</i>	West Hall, 21.
Williams, Levi Oscar, A.B.,	<i>Nottingham, N.H.,</i>	West Hall, 32.
(Darmouth College),		

MIDDLE CLASS.

Albion, James Francis,	<i>College Hill,</i>	Mr. Albion's.
Cushman, Herbert Ernest, A.B.,	<i>Lewiston, Me.,</i>	No. 5 Weare St.
(Bates College),		
Fisher, Thomas Baldwin Thayer,	<i>Charlotte, Me.,</i>	No. 1 Moore St.
Payne, Thomas Birton,	<i>Towanda, Pa.,</i>	West Hall, 25.
Pease, Lewis Edwin,	<i>Medford,</i>	West Hall, 25.
Powers, Levi Moore,	<i>Newry, Me.,</i>	East Hall, 27.
Priest, Fred Clarence,	<i>Winchester, N.H.,</i>	Mr. Merrill's.
Torsleff, Andrew Jackson,	<i>Chelsea,</i>	West Hall, 30.

JUNIOR CLASS.

Abbott, Charles Wheeler,	<i>Derry, N.H.,</i>	Absent.
Atwood, Luther Weston,	<i>Auburn, Me.,</i>	West Hall, 28.
Clark, Nathan Seymour,	<i>Lynn,</i>	West Hall, 22.
Felt, Elmer Jay, B. S., (Buchtel College),	<i>Akron, Ohio,</i>	East Hall, 13.
Fister, Harry Fay,	<i>Sturgis, Mich.,</i>	West Hall, 24.
Hammond, Joseph Frank,	<i>New Gloucester, Me.,</i>	West Hall, 28.
Moore, Charles Byrd,	<i>Chicago, Ill.,</i>	West Hall, 29.
Oberlin, Hazen,	<i>Augusta, Me.,</i>	West Hall, 27.
Peshdimaljian, Barooyr Michael,	<i>Adrianople, Turkey,</i>	West Hall, 26.
Rose, Henry Reuben,	<i>Philadelphia, Pa.,</i>	West Hall, 29.
White, William Shaw, A.B., (Brown University),	<i>Pawtucket, R.I.,</i>	East Hall, 15.

SUB-JUNIOR CLASS.

Bilkovsky, Anthony,	<i>Detroit, Mich.,</i>	West Hall, 22.
Conner, Ralph Everett,	<i>So. Newmarket, N.H.,</i>	West Hall, 21.
Evans, Frederick Waldron,	<i>Chelsea,</i>	West Hall, 31.
Holbrook, Charles Forest,	<i>Stoughton,</i>	East Hall, 13.
Moulton, Herbert Frank,	<i>Scarborough, Me.,</i>	West Hall, 27.
Sayles, John Augustus,	<i>Somerset,</i>	West Hall, 25.
Skilling, George Wilbert,	<i>Minneapolis, Minn.,</i>	East Hall, 5.
Williams, Lester Ellsworth,	<i>Nottingham, N.H.,</i>	West Hall, 30.

SPECIAL STUDENTS.

Ross, Amos Arnold,	<i>Chelsea,</i>	Mid. Hall, 5.
Trickey, William Henry,	<i>Dover, N.H.,</i>	Mid. Hall, 5.

ADMISSION

TO

THE THEOLOGICAL COURSE.

Candidates unknown to the Faculty must bring satisfactory testimonials of good character. They must believe in the Christian religion, and have a sincere purpose to devote their lives to the Christian ministry. It is expected that they will present themselves on the day preceding the first day of the academic year.

Bachelors of Arts are admitted to the Junior Class without examination. Candidates for the Four-Years Course are examined in some one of the Greek Classics or in the Greek of the Gospels, and in the English studies usually pursued in High Schools.

Applicants may be admitted to the school for any period of not less than one year. Those applying for admission to an advanced standing are examined in the studies which have been pursued by the class they propose to enter.

It is earnestly recommended that all who are contemplating a course of theology should take, as preliminary, a full collegiate course of study. The call is for men of liberal culture, and it has been found that academic discipline is of great value as a preparation for professional studies. It has not been thought expedient, however, to make such a requisition, for it has been found that earnest and capable men aspire to the Christian ministry, whose circumstances forbid so extensive preparation. To meet the wants of such, and yet provide for thorough training and comprehensive development, a four years course has been instituted.

COURSE OF STUDY.

SUB-JUNIOR CLASS.

RHETORIC. — Principles of Effective Speech ; Rhetorical Analysis ; Themes.

PSYCHOLOGY. — The Intellect ; The Sensibilities ; Leading Questions of Mental Philosophy.

LOGIC. — Deduction ; Induction.

LANGUAGES. — New Testament Greek ; Hebrew ; German.

JUNIOR CLASS.

LOGIC. — Fallacies ; Study of Arguments.

HISTORY. — History of the Jews until the Time of Christ ; The Life of Christ ; History of the Church and of Doctrines from the Apostles to the Treaty of Westphalia.

NEW TESTAMENT. — Hermeneutics ; Illustrations of Principles in Exegesis ; Examination of Questions in New Testament Criticism.

HOMILETICS. — History of Preaching ; The Conception and Structure of the Sermon ; Homiletical Analysis of Portions of the New Testament.

MIDDLE CLASS.

PSYCHOLOGY. — The Will ; The Moral Nature ; Practical Ethics.

HISTORY. — History of the Modern Sects and Doctrines.

NEW TESTAMENT. — Study of the Parables ; Theology of the New Testament.

OLD TESTAMENT. — Historical Study of the Prophets.

SYSTEMATIC THEOLOGY. — Apologetics ; Theology ; Anthropology ; Eschatology.

HOMILETICS. — Study of the Sermons of Eminent Preachers ; Lectures ; The Composition and Delivery of Sermons.

SENIOR CLASS.

PSYCHOLOGY. — Types of Ethical Theories ; Christian Ethics.

NATURAL THEOLOGY. — Theistic Arguments ; Special Studies with reference to the Evidences of Order and Design ; Relations of Science and Religion.

COMPARATIVE THEOLOGY. — Study of the Non-Christian Systems.

HOMILETICS. — Lectures on Sermon-style and on Preaching ; The Composition and Delivery of Sermons.

CHURCH GOVERNMENT. — The Ecclesiastical Polity of the New Testament ; The Polity of Special Churches Compared ; The Government and Discipline of the Universalist Church.

PASTORAL THEOLOGY. — Pastoral Qualifications and Duties ; The Administration of Religion in general ; Organized work in the Parish.

GENERAL INFORMATION.

RELIGIOUS EXERCISES.

Devotional services are held daily in the Chapel ; also, weekly evening Prayer Meetings. Members of the upper classes prepare sermons and preach them in turn before the class.

EXAMINATIONS.

Frequent written reviews are held in all departments ; and when any subject is completed the students are required to pass a public written examination thereon.

LIBRARIES AND LECTURES.

Students have free access to the general library of the College ; also to the valuable library of the Universalist Historical Society. Important public libraries of Boston are open to students for consultation.

Supplementary lectures, which bear upon the general work of the Christian Ministry, and upon special subjects of study, are given at intervals throughout the year by well-known Clergymen of the vicinity.

ELECTIVE STUDIES.

Students are permitted to elect studies in other departments of the College, subject however to the discretion of the Faculty.

GENERAL FACILITIES.

Important facilities for general improvement are offered to students, in the valuable libraries and museums of Boston and vicinity. Elaborate courses of lectures on scientific, social, and literary subjects are presented to the public from time to time. The most noted divines of New England officiate every Sunday within easy distance, and may be studied by the student in respect to their teachings and their methods. It is the policy of the school to encourage the judicious use of these important instrumentalities of culture.

COURSES OF STUDY AND DEGREES.

THE FULL COURSE for Bachelors of Arts occupies three years; for all others, four years. Special courses occupy respectively one, two, and three years.

THE DEGREE OF BACHELOR OF DIVINITY is conferred upon college graduates who sustain satisfactorily an examination on the studies of the prescribed Course, and upon others who, in the judgment of the Faculty, have made equivalent attainments. Diplomas certifying to attainments are conferred upon those who have taken in a satisfactory manner the Four-Years Course.

THE DEGREE OF MASTER OF ARTS is conferred at the same time with the Degree of Bachelor of Divinity upon Bachelors of Arts of Tufts College who have pursued with distinction the full course for B.D. This degree is conferred under the same conditions on Bachelors of Arts of other Colleges whose courses of study have been equivalent to the course for which the degree of A.B. is given by Tufts College.

Opportunities for pursuing advanced studies are offered to graduates and to others sufficiently qualified.

ROOMS AND EXPENSES.

The rooms assigned to the Divinity Students are in the West Hall. Each study is provided with suitable furniture ; and the bedroom adjoining each study is furnished with bedstead, bureau, etc.

Tuition, room-rent, and use of furniture, free. The price of board is about \$3.00 per week. The necessary school expenses including board, washing, fuel, light, text-books, etc., will not exceed two hundred dollars per year.

The General Convention of Universalists aids students by a system of loans ; and those in the regular course who have shown sufficient maturity are permitted to preach, under the direction of the Faculty, during the year and a half preceding graduation. In this way they may add to their pecuniary resources.

SCHOLARSHIPS, Etc.

THE GREENWOOD SCHOLARSHIP, the income of one thousand dollars bequeathed by the late Mrs. Eliza M. Greenwood, of Malden, will be given in prizes to members of the Divinity School for Excellence in the Department of Elocution.

For the year 1888, these prizes were awarded to JAMES HARRY HOLDEN, LEON OSCAR WILLIAMS, and FRED LEROY PAYSON.

THE DOCKSTADER SCHOLARSHIP, the income of one thousand dollars given by George A. Dockstader of New York, is appropriated to the aid of needy and worthy students.

The income of THE VANNEVAR FUND is used in the purchase of books for the Department of Homiletics.

CALENDAR.

1888.

- Sept. 20. College year begins, Thursday morning.
Sept. 23. Russell Lecture, Sunday, 4 P.M.
Dec. 19. Recess begins, Wednesday evening.

1889.

- Jan. 2. Recess ends, Wednesday evening.
Feb. 2. Limit of time for reporting Electives.
Feb. 9. End of first half-year, Saturday.
June 11. Prize Speaking and Reading, Tuesday, 3 P.M.
June 16. Baccalaureate Sermon, Sunday, 4 P.M.
June 19. Commencement, third Wednesday in June.
June 20. Examination for Admission begins, Thursday, 9 A.M.

SUMMER VACATION, THIRTEEN WEEKS.

- Sept. 17. Second Examination for Admission, Tuesday, 9 A.M.
Sept. 18. Examination for Admission to the Divinity School.
Sept. 19. College Year begins, Thursday morning.
Sept. 21. Limit of time for reporting Electives.
Sept. 22. Russell Lecture, Sunday, 4 P.M.
Oct. 7. Annual meeting of the Board of Trustees, Monday.

In addition to the above-mentioned recesses, College Exercises are suspended from Wednesday afternoon of Thanksgiving and Fast-Day weeks until the following Monday morning.

NOTE.—The College is four miles from Boston. Post-Office Address: COLLEGE HILL, MASS.

Trains stopping at College Hill, leave the station of the Lowell Railroad in Boston, at 6.55, 7.35, 8.10, 9.05, 9.35, 10.15, 11.30, A.M., 12.10, 1.40, 2.30, 3.30, 4.30, 5.05, 5.50, 6.20, 6.40, 7.15, 9.00, 11.15 P.M. Sunday, 10.00, A.M., 1.05, 1.30, 4.00, 5.30, 7.15, 7.45, 10.15 P.M. Return at 6.14, 6.30, 7.02, 7.19, 7.46, 8.09, 8.44, 9.18, 10.45, 11.09 A.M., 12.00, 1.30, 2.27, 3.41, 4.23, 5.40, 7.06, 9.04, 9.44, 10.29 P.M. Sunday, 9.16, A.M., 12.19, 12.56, 2.49, 4.26, 6.19, 6.56, 8.57, 9.20 P.M.

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

TUFTS COLLEGE.

1889-90.



BOSTON:

ALFRED MUDGE & SON, PRINTERS,

24 FRANKLIN STREET.

1889.

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HENRY D. WILLIAMS.

AND THE SECRETARY AND TREASURER, *ex officio*.

BOARDS OF VISITORS.

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For the Divinity School.

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WILLIAM E. GIBBS.
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CHARLES W. BIDDLE.

OFFICERS OF INSTRUCTION AND GOVERNMENT.

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And Professor of Moral Philosophy and Political Economy.

THOMAS J. SAWYER, D. D.,
Packard Professor of Christian Theology.

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Professor of Geology and Mineralogy.

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Professor of the Greek Language and Literature.

HEMAN A. DEARBORN, A. M.,
Professor of the Latin Language and Literature.

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Walker Professor of Mathematics.

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Professor of Physics and Astronomy.

GEORGE M. HARMON, A. M., B. D.,
Professor of Biblical Theology.

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Wade Professor of Modern Languages.

CHARLES D. BRAY, C. E., A. M.,

Professor of Civil and Mechanical Engineering.

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Goddard Professor of Homiletics and Pastoral Theology.

WILLIAM G. TOUSEY, A. M., B. D.,

Professor of Psychology and Natural Theology.

GEORGE T. KNIGHT, A. M., B. D.,

Professor of Church History.

WILLIAM L. HOOPER, A. M.,

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Professor of Chemistry.

JOHN S. LAMSON, A. M. B.,

Walker Special Instructor in Mathematics.

FRANK W. DURKEE, A. M.,

Instructor in Chemistry and Gymnastics.

JAMES M. MERRILL,

Instructor in Carpentry.

FREMONT SWAIN, M. D.,

Medical Examiner.

WARREN S. WOODBRIDGE, B. D.,

Lecturer on Church Polity.

HENRY I. CUSHMAN, D. D.,

Lecturer on Methods of Biblical Study.

EDWARD L. HOUGHTON, A. M.,

Lecturer on New Testament Subjects.

HELEN L. MELLEN,

Librarian.

FACULTY OF THE COLLEGE OF LETTERS.

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JOHN P. MARSHALL., A. M., *Dean.*

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HEMAN A. DEARBORN, A. M., *Secretary.*

BENJAMIN G. BROWN, A. M.

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AMOS E. DOLBEAR, M. E., PH. D.

MOSES T. BROWN, A. M.

CHARLES E. FAY, A. M.

CHARLES D. BRAY, C. E., A. M.

ARTHUR M. COMEY, A. M., PH. D.

WILLIAM L. HOOPER, A. M.

JOHN S. LAMSON, A. M. B.

CANDIDATES

FOR THE

DEGREE OF MASTER OF ARTS.

- ABBOTT, DANIEL GUSTAVUS, '86 *Fort Plain, N. Y.*
(*Greek and Latin.*)
- FAIRBANKS, WILSON LINCOLN, '87 *Springfield.*
(*Greek and Latin.*)
- HOLLISTER, ORLANDO KNAPP, '89 *N. Montpelier, Vt.*
(*Chemistry and Physics.*)
- MAULSBY, DAVID LEE, '87 *Barre, Vt.*
(*French and Latin.*)
- MENDUM, SAMUEL WARREN, '85 *Woburn.*
(*German and Political Economy.*)
- PROUTY, WILLIS JAMES, '87 *Meriden, Conn.*
(*Latin and Mathematics.*)
- STONE, HENRY BEECHER, '86 *Deering, Me.*
(*Natural History and Physics.*)
- WHITE, TRUE WORTHY, '87 *Andover, N. H.*
(*English Literature and Psychology.*)
-
- MELCHER, FRANK OTIS, '87 *Boston.*
(*Railroads and Mechanics, for A. M. M.*)

UNDERGRADUATES.

SENIOR CLASS.

Chapman, William Henry,	<i>Everett,</i>	Mid. Hall, 3.
Hathaway, Charles Augustus,	<i>Taunton,</i>	Dean Hall, 6.
Herrick, Charles Russell,	<i>Beverly,</i>	Mid. Hall, 3.
Leighton, Walter French,	<i>Lowell,</i>	Dean Hall, 1.
Nelson, Frederick Theodore,	<i>Nashua, N. H.,</i>	Dean Hall, 13.
Newton, Elbridge Ward,	<i>Townsend, Vt.,</i>	East Hall, 30.
Pattee, John Holt,	<i>Enfield, N. H.,</i>	Dean Hall, 2.
Pearson, Walter Ambrose,	<i>Nashua, N. H.,</i>	East Hall, 18.
Ricketts, William Luther,	<i>Monson,</i>	East Hall, 31.
Rounds, Stephen,	<i>E. Baldwin, Me.,</i>	Mid. Hall, 3.
Sewall, Willis Fuller,	<i>Livermore Falls, Me.,</i>	West Hall, 9.
Smith, Harry Winfield,	<i>Auburn, Me.,</i>	Mid. Hall, 9.
Snow, William Crocker,	<i>Ottawa, Ill.,</i>	Dean Hall, 13.

JUNIOR CLASS.

Cunningham, Benjamin Frazier,	<i>Gloucester,</i>	West Hall, 4.
Denison, William Kendall,	<i>Newtonville,</i>	Dean Hall, 6.
Dolliver, George Carroll,	<i>Gloucester,</i>	West Hall, 4.
Grose, Arthur Wilder,	<i>Abington,</i>	Dean Hall, 7.
Keirn, Gideon Isaac,	<i>College Hill,</i>	Prof. Tousey's.
Perkins, Frederick William,	<i>Roxbury,</i>	Dean Hall, 7.
Potter, Harry Austin,	<i>College Hill,</i>	Mr. Potter's.
Powell, Elmer Elbert,	<i>Orono, Me.,</i>	East Hall, 23.
Stover, Charles Livingston,	<i>Haverhill,</i>	West Hall, 12.
Towle, George Gilman,	<i>Dover, N. H.,</i>	Mid. Hall, 4.
Tucker, Charles Rollins,	<i>Stoughton,</i>	East Hall, 16.
Tuttle, Hiram Austin,	<i>Salem,</i>	West Hall, 12.

SOPHOMORE CLASS.

Arnold, George Allen,	<i>Braintree,</i>	East Hall, 9.
Brooks, Maro Spaulding,	<i>Hancock, N. H.,</i>	East Hall, 9.
Carter, Horace Choate,	<i>Springfield,</i>	West Hall, 16.
Cobb, Joseph Fernald,	<i>Deering, Me.,</i>	East Hall, 25.
Gray, William Southwick,	<i>College Hill,</i>	West Hall, 1.
Johnson, Melvin Maynard,	<i>Waltham,</i>	Dean Hall, 10.
Kimball, Fred Elbert,	<i>Burlington, Vt.,</i>	West Hall, 11.
Lyon, Fred Dow,	<i>North Attleboro,</i>	West Hall, 3.
North, Frank Allen,	<i>Boston,</i>	Dean Hall, 10.
Perry, Henry Joseph,	<i>Fort Plain, N. Y.,</i>	West Hall, 1.
Peterson, Arthur Everett,	<i>College Hill,</i>	West Hall, 1.
Putnam, Bertrand Flavel,	<i>New Salem,</i>	East Hall, 25.
Randall, Arthur Gile,	<i>North Attleboro,</i>	West Hall, 3.
Williams, Loring George,	<i>Nottingham, N. H.,</i>	East Hall, 8.
Willis, Charles Austin,	<i>Waltham,</i>	Dean Hall, 5.
Willis, Dwight Fletcher,	<i>Waltham,</i>	Dean Hall, 5.

FRESHMAN CLASS.

Arnold, Louis Wales,	<i>Braintree,</i>	East Hall, 9.
De Goosh, Arthur Winfield,	<i>Bradford, Vt.,</i>	Dean Hall, 4.
Ellis, Ira Harwood,	<i>Bethel, Vt.,</i>	Dean Hall, 4.
Groce, Joseph Byron,	<i>Roxbury,</i>	Dean Hall, 12.
Kipp, Charles Goodhue,	<i>New York, N. Y.,</i>	Dean Hall, 9.
Martin, Willard Shepard,	<i>Plainfield, Vt.,</i>	Dean Hall, 4.
Spaulding, Harris Waldemar,	<i>Haverhill,</i>	Dean Hall, 11.
Thompson, Alfred Percival,	<i>Middleboro,</i>	East Hall, 16.
Whittemore, Thomas,	<i>Cambridge,</i>	Dean Hall, 12.

SPECIAL STUDENTS.

Burrington, Frank Chase,	<i>Bangor, Me.,</i>	Dean Hall, 1.
Carr, Fred Martin,	<i>Somerville,</i>	East Hall, 19.
Clyde, George Wilson,	<i>Hudson, N. H.,</i>	West Hall, 8.
Edmands, Isaac Russell,	<i>Providence, R. I.,</i>	East Hall, 19.
Flynn, William Andrew,	<i>Rockland,</i>	East Hall, 27.
French, Elmer Ellsworth,	<i>Center Effingham, N. H.,</i>	East Hall, 28.
Gerrish, George Mayo,	<i>Woburn,</i>	Mid. Hall, 4.
Lamon, Frank Henry,	<i>Watertown, N. Y.,</i>	Dean Hall, 14.
Kennard, Harry Delano,	<i>Somerville,</i>	Mid. Hall, 7.
Lambert, Fred Dayton,	<i>Muscatine, Ia.,</i>	East Hall, 27.
Libby, Wentworth Roscoe,	<i>Chelsea,</i>	Mid. Hall, 6.
Marggraf, Edward Everett,	<i>Caledonia, O.,</i>	Mid. Hall, 6.
Penniman, George Arthur,	<i>Lowell,</i>	Dean Hall, 8.
Weeks, John Burgess,	<i>St. Albans, Vt.,</i>	East Hall, 30.

DEPARTMENT OF ENGINEERING.

THIRD CLASS.

Babson, Albert Duley,	<i>Gloucester,</i>	East Hall, 11.
Beals, Walter Leonard,	<i>Middleboro,</i>	East Hall, 28.
Borges, Alfredo de Araújo,	<i>Pelotas, Brazil,</i>	Mrs. Price's.
Daniels, Frank Thomas,	<i>Coleraine,</i>	Mid. Hall, 11.
Hamilton, Henry Arthur,	<i>Bolton,</i>	East Hall, 10.
Hickok, Frederick Sherman,	<i>Methuen,</i>	East Hall, 11.
Myrick, Horatio Whittemore,	<i>College Hill,</i>	East Hall, 13.
Pettingill, Alvah Garcelon,	<i>Livermore Falls, Me.,</i>	West Hall, 9.
Toppan, Arthur Wellington,	<i>Charlestown,</i>	East Hall, 18.

SECOND CLASS.

Bourne, Charles Oscar,	<i>Charlestown,</i>	Mid. Hall, 9.
Brown, Robert Pond,	<i>Whiting, Vt.,</i>	Mid. Hall, 12.
Davis, Charles Staples,	<i>Somerville,</i>	Mid. Hall, 7.
Fiske, Warren Herbert,	<i>Somerville,</i>	West Hall, 7.
Foster, Ralph Emerson,	<i>Portland, Me.,</i>	Dean Hall, 8.
Hunt, William Francis,	<i>North Weymouth,</i>	Mid. Hall, 8.
Pottle, William Courtney,	<i>Somerville,</i>	Mid. Hall, 7.
Putnam, Joseph Warren,	<i>Charlestown,</i>	Mid. Hall, 12.
Stephenson, Frank Henry,	<i>Hudson,</i>	West Hall, 7.
Teele, Fred Warren,	<i>West Somerville,</i>	Mr. Teele's.
Thompson, Benjamin Franklin,	<i>Winchester,</i>	Dean Hall, 9.

FIRST CLASS.

Baker, Sidney Tucker,	<i>Middleboro,</i>	West Hall, 10.
Carvill, Sewell Albert,	<i>Somerville,</i>	Mid. Hall, 10.
Clark, James Colby Dorr,	<i>Medford,</i>	East Hall, 22.

Curtiss, Wooster Blake,	<i>Medford,</i>	East Hall, 13.
Doane, Francis Hathaway,	<i>Newtonville,</i>	West Hall, 10.
Dolbear, Clinton Emerson,	<i>College Hill,</i>	Prof. Dolbear's.
Edson, Howard Lincoln,	<i>Braintree,</i>	East Hall, 8.
Hardwick, Joseph,	<i>Weymouth,</i>	Mr. Graves's.
Hollister, John Murray,	<i>Plainfield, Vt.,</i>	West Hall, 11.
Hosford, Frederick William,	<i>Medford,</i>	Mid. Hall, 10.
Hunt, Edward Jarvis,	<i>Bangor, Me.,</i>	East Hall, 23.
Kennedy, Alfred Warren,	<i>South Medford,</i>	East Hall, 22.
Lane, Arthur Kempton,	<i>Boston,</i>	West Hall, 8.
Rogers, Edmund Horton,	<i>Honolulu, Hawaiian Islands,</i>	East Hall, 6.
Swain, Henry Sumner,	<i>Boston,</i>	Mid. Hall, 8.
Thayer, Albert Oliver,	<i>West Somerville,</i>	Mr. Thayer's.
Wilson, Louis Melvin,	<i>Rowe,</i>	East Hall, 27.
Wing, Frank Augustus,	<i>West Somerville,</i>	Mid. Hall, 5.

REQUISITIONS FOR ADMISSION.

For admission to the Freshman Class, an examination must be well sustained in the following studies :—

LATIN. — Cæsar's Gallic War, Books I.—IV. ; Cicero's Orations, those against Catiline, for Archias, Marcellus, and the Manilian Law ; Virgil's *Æneid*, Books I.—VI. ; Ovid's *Metamorphoses*, 2,500 lines ; Allen and Greenough's, or Harkness's Grammar, including Prosody ; Harkness's Latin Composition, to Part III., and translation into Latin of a connected passage of English prose, not taken from the text-book, but involving only familiar words and idioms.

While the foregoing requirements are preferred, equivalents will be accepted ; also, in place of the last two orations of Cicero and the specified amount of Ovid, an examination may be taken, if desired, on average passages from each of the above-named works, not included in the portions prescribed.

GREEK. — I. Three books of Homer's *Iliad* ; four books of Xenophon's *Anabasis* ; Hadley's, Crosby's, Curtius's, or Goodwin's Greek Grammar, including Prosody ; writing Greek with the accents ; or, as an alternative,

II. Translation at sight of easy passages of the *Anabasis* and of average passages from the *Iliad* (with a vocabulary of the less-used words), in place of the quantity requisition in Xenophon and Homer ; Prose Composition as in I.

It is recommended that special attention be given to translating English into Greek and Latin, and that pupils be accustomed to this exercise from the beginning of the preparatory course.

For admission to the Philosophical Course, German or French is substituted for Greek. The candidate must give evidence of a thorough knowledge of the accidence and more important principles of the syntax of the language presented, and be able to render simple English sentences into the same, and must have translated the equivalent of four hundred pages of German or six hundred

of French, including two classic dramas. The Joynes-Meissner German Grammar and Edgren's French Grammar may represent the amount of text-book work in grammar and composition required for preparation in these languages.

MATHEMATICS. — Arithmetic with the Metric System ; Algebra through Quadratic Equations, including Radical Quantities, together with Proportion, Arithmetical and Geometrical Progressions, and the Binomial Theorem for positive integral exponents ; Plane Geometry.

GEOGRAPHY AND HISTORY. — Outlines of Ancient Geography ; Smith's Smaller History of Greece, to the death of Alexander ; Leighton's or Smith's History of Rome.

ENGLISH GRAMMAR AND COMPOSITION. — Spelling ; Punctuation ; Structure of Sentences ; Correct Use of Words ; Clearness of Expression. The examination will consist, — 1. In writing a short composition on a subject assigned ; 2. In criticising specimens of incorrect English. Subjects for compositions will be drawn from standard works in English literature. All the books named for a given year are to be read, and from two or three of them subjects will be assigned at the time of examination.

For 1890. — Shakespeare's Julius Cæsar and *Midsummer Night's Dream* ; Coleridge's *Ancient Mariner* ; Longfellow's *Evangeline* ; Macaulay's *Essay on Lord Clive* ; Thackeray's *English Humorists* ; Webster's first *Bunker Hill Oration* ; Scott's *Quentin Durward* ; George Eliot's *Silas Marner* ; Hawthorne's *House of the Seven Gables*.

For 1891. — Shakespeare's Julius Cæsar and *Merchant of Venice* ; Coleridge's *Ancient Mariner* ; Longfellow's *Evangeline* ; Macaulay's *Essay on Lord Clive* ; Webster's first *Bunker Hill Oration* ; Irving's *Alhambra* ; Scott's *Old Mortality* ; George Eliot's *Silas Marner* ; Hawthorne's *House of the Seven Gables*.

For 1892. — Shakespeare's Julius Cæsar and *As You Like It* ; Scott's *Marmion* ; Longfellow's *Courtship of Miles Standish* ; Addison's *Sir Roger de Coverley Papers* ; Macaulay's second *Essay on the Earl of Chatham* ; Webster's first *Bunker Hill Oration* ; Irving's *Alhambra* ; Scott's *Talisman* ; George Eliot's *Scenes from Clerical Life* ; Hawthorne's *House of the Seven Gables*.

After 1890 the following additional requirement will be made for admission to the Freshman Class : —

GERMAN OR FRENCH. — 1. Proficiency in elementary grammar, implying especially a familiarity with the following topics : In German, the declension of such nouns as are easily classified, of adjectives, and pronouns ; the inflection of weak and the

more usual strong verbs ; simple cases of word order. In French, variation of nouns and adjectives for gender and number ; the uses of pronouns, especially of conjunctive objects and equivalents of English *that* and *what* ; the partitive constructions ; the inflection of regular and the more usual irregular verbs, such as *dire, faire*, and the classes represented by *ouvrir, sentir, venir, paraître, conduire*, and *craindre*.

II. Some facility in translation, to be acquired by the reading of easy prose, in German of one hundred, in French of two hundred duodecimo pages.

III. Ability to pronounce the language presented, and to recognize words and simple phrases when uttered.

After 1891 a new course, leading to the degree of Bachelor of Arts, will be opened to candidates who offer in the place of Greek an increased amount of German or French, as follows : Grammar, as above for Philosophical Course ; translation, eight hundred pages of German, or fifteen hundred of French ; ability to write in the language presented a paragraph on an assigned subject connected with some one of the works read in preparation.

The regular examination for admission will begin on the day after Commencement, and continue through the following day. A second examination will also be held on the Tuesday and Wednesday preceding the beginning of the college year. The examination will begin at 9 o'clock A. M., on each of these days.

For admission to an advanced class, an examination must be well sustained both in the preparatory studies and in the studies through which such class has passed. To be admitted to advanced standing, one must also pay half the tuition of the previous portion of the course, unless he comes from another college ; provided, that if he be admitted at the beginning of the Senior year, the tuition of the Junior year shall be the only arrears required of him.

At the regular examination in June, those who will be candidates for admission to the Freshman Class one year later may present themselves for a preliminary examination, if certified by their teachers to be prepared on not less than nine of the sixteen subjects enumerated on the preceding pages, and may receive certificates if they pass on not less than seven. In making up the sixteen, Latin represents six subjects ; Greek, German, or French,

four ; Mathematics, three ; History, two ; and English (to be presented only at the final examination), one.

While under certain conditions the certificates of teachers in good standing are accepted in lieu of an examination, this method of admission is regarded with disfavor. Candidates so admitted will be considered as upon a special probation, which may be terminated at any time if their preparation is found to be inadequate. To be received, the certificate (blank forms of which will be sent on application to the Secretary of the Faculty) must specify which of the subjects have been pursued, and to what extent, or what are offered as equivalents, in case the preparatory course has differed from that presupposed in the foregoing requisitions, and must express the opinion of the teacher that the candidate is well prepared to enter upon a college course.

COURSE OF STUDY.

FRESHMAN CLASS.

LATIN.—Livy ; Cicero, De Senectute ; Horace, Odes and Epodes ; Bennett's First Latin Exercises, with Extempore Exercises.

Four hours a week for the year.

ROMAN HISTORY.—Liddell ; Rawlinson's Manual ; Ramsay's Elementary Manual of Roman Antiquities, with Illustrated Lectures ; Lectures on the History of the Latin Language and Literature.

Two hours a week for the year.

GREEK.—Xenophon ; Herodotus ; Thucydides ; Homer's Odyssey ; Dialects ; Prose Composition ; Goodwin's Greek Moods and Tenses.

Six hours a week for first, five for second half year.

MATHEMATICS.—Wells's University Algebra ; Welsh's Solid and Spherical Geometry ; Wells's Trigonometry.

Four hours a week for the year.

ORATORY.—Declamations ; Lectures.

Two hours a week for second half year.

RHETORIC.—Extemporaneous Composition.

One hour a week for first half year.

SOPHOMORE CLASS.

LATIN. — Horace, Satires and Epistles ; Cicero, Lælius ; Tacitus, Annals ; Latin Composition, with Extempore Exercises.

Four hours a week for first, three for second half year.

FRENCH — Edgren's French Grammar ; Super's French Reader.

Six hours a week for second half year.

GREEK. — The Orators ; Prose Composition.

Four hours a week for first half year.

PHYSICS. — Daniell's Principles.

Three hours a week for second half year.

MATHEMATICS. — Briggs's and Wentworth's Analytic Geometry ; Applications of Trigonometry ; Special Trigonometry.

Four hours a week for first half year.

ORATORY. — Lectures ; Declamations.

Two hours a week for second half year.

RHETORIC. — Genung's ; Four Themes ; Extemporaneous Composition.

Four hours a week for first half year.

Also three hours a week for the second half year in one of the following

ELECTIVE STUDIES:

GREEK. — The Dramatists ; Study of Metres.

RHETORIC. — Analysis of Speeches, The Principles of Rhetoric as applied in Oratory.

ENGLISH LITERATURE. — Chaucer to Shakespeare.

NATURAL HISTORY. — Bastin's Botany, Gray's Lessons and Manual.

JUNIOR CLASS.

GERMAN. — Theoretical Grammar in Lectures ; The Joynes-Meissner Grammar ; Bernhardt, Im Zwielficht, II. ; Klemm, Poesie für Haus und Schule.

Six hours a week for first half year.

PHYSICS. — Daniell's Principles.

Four hours a week for first, three for second half year.

CHEMISTRY. — Inorganic Chemistry, with Recitations and Lectures.

Three hours a week for first half year.

PSYCHOLOGY. — Hill's ; Sully's.

Four hours a week for second half year.

RHETORIC. — Four Themes ; Extemporaneous Composition.

Also three hours a week for the first, and nine for the second half year in one of the following

ELECTIVE STUDIES:

GREEK. — Plato.

LATIN. — Juvenal ; Cicero.

GERMAN. — Wieland, Oberon (selections) ; Göthe, Hermann und Dorothea ; Lessing, Minna von Barnhelm.

FRENCH. — Dramatists of the Classic Period ; Modern Novelists ; Plœtz, Nouvelle Grammaire Française (basée sur le latin).

RHETORIC. — English Composition, second half year.

ENGLISH LITERATURE. — Milton to Cowper, first half year ; 1800 to 1830, second half year.

PHYSICS. — Investigations in the Laboratory ; Physical Manipulations, Pickering, Kohlrausch ; Light, Glazebrook ; Electricity, Trowbridge ; Projection, Dolbear.

CHEMISTRY. — Inorganic Chemistry, Laboratory Work, first half year; Qualitative Analysis, second half year.

NATURAL HISTORY. — Martin, The Human Body; Zoölogy, Nicholson's and Packard's, second half year.

ENGINEERING. — Descriptive Geometry; Draughting.

MATHEMATICS. — Differential and Integral Calculus.

ORATORY. — Special Drill in Reading and Declamation.

SENIOR CLASS.

MORAL PHILOSOPHY. — Calderwood's Moral Science.

Four hours a week for first half year.

POLITICAL ECONOMY. — Fawcett's, with Lectures.

Four hours a week for second half year.

LOGIC. — Jevons's.

Four hours a week for first half year.

PHYSICS. — Peck's Astronomy.

Two hours a week for first half year.

RHETORIC. — Four Themes; Practical Exercises in Invention.

Also six hours a week for the first, and nine for the second half year in two or more of the following

ELECTIVE STUDIES:

JURISPRUDENCE. — Ancient Law; Roman Law; International Law; Constitutional Law; Lectures.

ENGLISH LITERATURE. — 1830 to the present time, first half year; Studies in Literary Criticism, second half year.

HISTORY OF PHILOSOPHY, first half year.

LOGIC, second half year.

GREEK, LATIN.

GERMAN. — Vilmar, Geschichte der deutschen Literatur ; Göthe, Faust ; Contemporary Prose.

FRENCH. — Histoire de la littérature française, — Demogeot, P. Albert ; Authors of the Romantic School ; Advanced Composition.

ITALIAN. — Grandgent's Grammar ; De Amicis, Olanda.

MATHEMATICS. — Geometry of Three Dimensions ; Mechanical and Architectural Drawing ; Salmon's Conic Sections ; Advanced Mathematics.

CHEMISTRY. — Qualitative Analysis, Laboratory Work ; Quantitative Analysis, for the year ; Organic Chemistry, Lectures, Recitations, and Laboratory Work, second half year.

PHYSICS. — Conservation of Energy, Stewart, Spencer ; Natural Philosophy, Thomson and Tait ; Heat, Maxwell ; Electricity, Thomson, Cummings, Gray, Gordon ; Investigations in the Physical Laboratory, Glazebrook, Pickering, Kohlrausch.

NATURAL HISTORY. — Geology, Le Conte's, with Lectures ; Mineralogy with Lectures ; Biology, Huxley and Martin's ; Botany, Bessie's, first half year ; Zoölogy, Nicholson's and Packard's, with practical work in the Laboratory ; Mineralogy, Dana's Text-Book ; Plattner's Manual of Qualitative and Quantitative Blowpipe Analysis, with Laboratory Work ; Winchell, Geological Studies, second half year.

ENGINEERING. — Topographical Surveying and Drawing ; Steam-Engine.

ORATORY. — Special Drill in Reading and Declamation.

PHILOSOPHICAL COURSE.

This course, leading to the degree of Bachelor of Philosophy, includes all the studies of the preceding course except Greek, for which the modern languages are substituted. It also offers an opportunity for pursuing elective studies to a somewhat greater extent.

The course of study coincides with the foregoing in the Senior year, and varies from it in the first three years, according as German (Course A) or French (Course B) has been presented for admission, as follows :—

FRESHMAN CLASS.

In the place of Greek,

GERMAN (Course A).—Brandt's Grammar; Historical Prose; Dramatists of the Classic Period; Composition.

Three hours a week for first, four for second half year.

FRENCH (Course B).—Chardenal's Second French Course, and Advanced Exercises; Historical Prose; Dramatists of the Classic Period; Modern Novelists.

Three hours a week for first, four for second half year.

And in both courses, three hours a week for the first half year in one of the following

ELECTIVE STUDIES :

HISTORY.—Of Greece, or of England.

ENGLISH.—Development of the Language.

SOPHOMORE CLASS.

Course A, in the place of Greek,

GERMAN. — Vilmar, Geschichte der deutschen Literatur ; Göthe; Faust ; Contemporary Prose.

Three hours a week for first half year.

Course B, in the place of Greek and French,

GERMAN. — Theoretical Grammar in Lectures ; The Joynes-Meissner Grammar ; Bernhardt, Im Zwielficht, II. ; Klemm, Poesie für Haus und Schule ; Wieland, Oberon (selections) ; Göthe, Hermann und Dorothea ; Lessing, Minna von Barnhelm.

Six hours a week for first, three for second half year.

JUNIOR CLASS.

In the place of elementary German,

FRENCH (Course A). — Plötz, Nouvelle Grammaire Française (basée sur le latin) ; Historical Prose ; Dramatists of the Classic Period ; Modern Novelists.

Three hours a week for first, four for second half year.

GERMAN (Course B). — Brandt's Grammar ; Historical Prose ; Dramatists of the Classic Period ; Composition.

Three hours a week for first, four for second half year.

And in both courses, six hours of elective work for the year, in studies open to Juniors.

DEPARTMENT OF ENGINEERING.

The degree of Bachelor of Mechanic Arts is conferred on those students who complete the prescribed studies of three years in the department of Engineering. The studies are arranged in two courses, for Civil and Electrical Engineers, and the course for which the degree is conferred is stated in the diploma.

The requisitions for admission are Mathematics, English Grammar and Composition; also (after 1890) French, as stated on pages 16 and 17, and Solid Geometry.

Students of the Classical and Philosophical courses may so arrange their elective work as to make it possible to obtain the degree in Engineering after a post-graduate course of one year in this department.

COURSE IN CIVIL ENGINEERING.

FIRST YEAR.

MATHEMATICS. — Wells's University Algebra; Welsh's Solid and Spherical Geometry; Wells's Trigonometry.

Four hours a week for the year.

DESCRIPTIVE GEOMETRY; SHADES AND SHADOWS; PERSPECTIVE.

Three hours a week for second half year.

SURVEYING. — Theory, with Elementary Practice; Compass Surveys.

Three hours a week for second half year.

RHETORIC. — Extemporaneous Composition.

One hour a week for the year.

CHEMISTRY. — Inorganic Chemistry, with Recitations and Lectures.

Three hours a week for first half year.

FRENCH. — Edgren's French Grammar ; Super's French Reader.

Six hours a week for second half year.

DRAWING. — Plotting ; Orthographic Projection.

Three hours a week for the year.

PRACTICAL WORK. — Woodwork ; Carpentering ; Pattern-Making ; Turning.

Three hours a week for first half year.

SECOND YEAR.

MATHEMATICS I. — Wentworth's Analytic Geometry ; Applications of Trigonometry.

Four hours a week for first half year.

MATHEMATICS II. — Differential and Integral Calculus.

Three hours a week for second half year.

DESCRIPTIVE GEOMETRY ; SHADES AND SHADOWS ; PERSPECTIVE.

Three hours a week for first half year.

MECHANICS. — Daniell's.

Three hours a week for second half year.

STEAM-ENGINE. — Theory and Construction.

Four hours a week for second half year.

TOPOGRAPHY. — Field Work and Drawing.

Three hours a week for the year.

PHYSICS. — Daniell's Principles.

Four hours a week for first, three for second half year.

RHETORIC. — Genung's.

Three hours a week for first half year.

THIRD YEAR.

MATHEMATICS. — Differential and Integral Calculus.

Three hours a week for the year.

MECHANICS. — Applied Mechanics.

Four hours a week for the year.

CIVIL ENGINEERING. — Strength of Materials; Stability of Structures of Stone, Wood, and Iron; Drainage and Sewerage; Hydraulics.

Four hours a week for the year.

ROAD ENGINEERING. — Surveys and Estimates.

Three hours a week for first half year.

DRAWING. — Structures and Machines.

Three hours a week for the year.

NATURAL HISTORY. — Mineralogy, Dana's Text-Book; Plattner's Manual of Qualitative and Quantitative Blowpipe Analysis, with Laboratory work.

Optional, three hours a week for second half year.

ELECTRICITY. — Optional, as an alternate with Natural History.

PREPARATION OF THESIS.

COURSE IN ELECTRICAL ENGINEERING.

This course varies from the foregoing as follows : —

FIRST YEAR.

In the place of Surveying,
MECHANICS. — Daniell's.

Three hours a week for second half year.

SECOND YEAR.

In the place of Topography,
PHYSICS. — Investigations in the Laboratory.

Three hours a week for the year.

PRACTICAL WORK. — Filing ; Turning ; Screw-cutting.

Three hours a week for second half year.

THIRD YEAR.

In the place of Civil Engineering, Road Engineering, Drawing for the first half year, and the optional study for the second half year.

ELECTRICITY. — Mathematical Electricity.

Three hours a week for the year.

PHYSICS. — Laboratory Work, including Electrical Measurements and Applications of Electricity to Telegraph, Telephone, Lighting, Plating, and Transmission of Power.

Six hours a week for the year.

NOTE. — In the foregoing courses of study time spent in the laboratories, in draughting, and in other practical work, is reckoned in programme hours, each such hour representing two or three consecutive hours of class work, according to the department.

ADMINISTRATION OF THE COLLEGE.

ELECTIVE STUDIES.

The programme requires sixteen recitations a week or their equivalent, except in the second half of the Senior year, when thirteen are required. In addition to the regular electives requisite to fill this programme, extra electives may be taken, if, in the judgment of the Faculty, they can be profitably pursued. Choice of elective or optional studies for the first half year must be signified in writing to the Faculty on or before the first Saturday of the college year, and for the second half year on or before the last Saturday preceding mid-year. New elections may be made at such other times as are prescribed in the several departments.

RELIGIOUS OBSERVANCES.

All students are required to attend morning prayers in the Chapel, and, except those who go to their homes, public worship once on Sunday, either in the Chapel, or at such other church as they may choose.

The RUSSELL LECTURE, established in accordance with a bequest of the late Hon. James Russell, of Arlington, is delivered before the Trustees, Faculty, and students on the first Sunday of the college year by either a clergyman or a layman, on a subject prescribed by the testator.

LIBRARY.

The Library, containing more than 25,000 volumes and 8,000 pamphlets, is open to members of the College, both for consultation and for the drawing of books, from 9.30 to 5 on week-days, except Wednesday and Saturday afternoons.

JOY LIBRARY FUND. — This fund now amounts to \$25,000, one half the income of which is devoted to the purchase of books for the Library.

GYMNASIUM.

The Goddard Gymnasium, furnished with apparatus under the direction of Dr. D. A. Sargent, is open daily from 9 to 12, and from 2 until sunset. Each student's exercise is adapted to his physical needs, as determined by medical examination, and measurements are made, from time to time, to ascertain the results of the training. Class instruction in gymnastics is given during the winter months.

EXPENSES.

Tuition	\$100 00	\$100 00
Gymnasium	4 00	4 00
Half Room Rent, with care, per year	15 00	75 00
Board, \$3.00 to \$4.00 per week	111 00	148 00
Total	\$230 00	\$327 00

Students working in the laboratories are charged for certain materials used, and for breakage. Any damage done by students to college property is charged in the term bills. Students board in commons at \$3.00 per week; in private families at \$3.00 to \$4.00. Other expenses vary with the economy of each student. Students furnish their own rooms.

The charges for each year are contained in two bills, of which the first is made at the middle of the year, and is payable on the first day of March; the second is made immediately after Commencement, and is payable on the first day of the following college year; but the second bill of the Senior year must be settled by the Saturday before Commencement.

SCHOLARSHIPS.

Scholarships in the gift of the College are as follows:—

THREE STATE SCHOLARSHIPS, of *one hundred dollars* each, established in accordance with a requisition of the Commonwealth.

FIVE HOWLAND SCHOLARSHIPS, of *one hundred dollars* each, established from the income of the bequest of the late Edwin Howland, Esq., of South Africa.

FIVE WALKER MATHEMATICAL SCHOLARSHIPS, of *one hundred dollars* each, established in honor of the late William J. Walker, M. D., of Newport, R. I.

THE PERKINS SCHOLARSHIP, of *fifty dollars*, founded by James D. Perkins, Esq., of Brooklyn, N. Y., by a donation of one thousand dollars.

THE A. A. MINER SCHOLARSHIP, of *fifty dollars*, established by a donation of one thousand dollars.

THE GREENWOOD PRIZE SCHOLARSHIP, the income from the bequest of one thousand dollars by the late Mrs. Eliza M. Greenwood, of Malden, given to such student as shall have made the best attainments in Oratory.

FOUR PRIZE SCHOLARSHIPS of NATURAL HISTORY (I. Tully, II. Olmstead, III. Leavenworth, IV. Miner), from the income of a special fund established by the late Charles Hyde Olmstead, given to such competitors as, in addition to the conditions of other scholarships, have made superior attainments in some assigned branch of Natural History with which these scholarships are associated.

PACKARD FREE SCHOLARSHIPS. — “Ten students are admitted free of tuition, selected from those who, possessing good abilities, are destitute of the means of fully supporting themselves at the College. As fast as these students graduate from or leave the College, others are selected to take their places.”

THE MOSES DAY FUND, the income of five thousand dollars, is appropriated to the aid of needy and deserving young men.

These awards are made by the Board of Trustees on the recommendation of the Faculty. When voted, except the Free Scholarships, they are understood to cover the College year just ended. The obtaining of a scholarship for one year does not constitute any title to a second nomination.

APPOINTMENTS. — The pay of a Monitor is *twenty dollars* a year; that of the Bell-Ringer, *one hundred and fifty dollars*.

Applications for scholarships and other aids must be made to the Faculty on or before the first day of March; and, if the applicant be a minor, must be sanctioned by his parent or guardian. No one need apply who has not made satisfactory progress, or who has come under any grave censure in the course of the year.

PRIZES.

GODDARD PRIZES. — In the second term of the academical year, four prizes of *fifteen dollars* each are assigned from the Goddard Prize Fund, as follows : —

A Prize for the best Examination in Plato's Symposium, or the Agamemnon of Æschylus, including an account of the author and his works.

A Prize for the best Latin Prose Translation, by a member of the Sophomore Class, of the last three Sections of Chapter XLII., in Liddell's History of Rome.

A Prize for the best Examination in the Mathematics of the Freshman year.

The Translations must be left at the President's office by the first day of May, in sealed envelopes, accompanied by sealed letters containing the authors' names.

RHETORICAL PRIZES. — Six prizes are awarded, as follows : —

Two Prizes, of *twenty* and *ten dollars* respectively, to the best Readers of the Senior Class.

Two Prizes, of *twenty* and *ten dollars* respectively, to members of the Junior Class, for the best exhibition of improvement and skill in Elocution.

Two Prizes, of *twenty* and *ten dollars* respectively, on the same conditions, to members of the Sophomore Class.

The selections for Reading and Declamation must be approved by the Professor of Oratory. The names of competitors for the prizes in Reading and Elocution must be handed to the President at least two weeks before the day of trial.

ENTRANCE EXAMINATION PRIZES. — Two prizes, of *thirty* and *twenty dollars* respectively, are awarded for the best Entrance Examinations. No one will be considered as a candidate for such prize unless he has passed at the regular examinations in all the subjects required for admission to the College, and has been admitted without conditions. These prizes are payable at the end of the first half year in College.

The foregoing prizes are not awarded, unless, in the opinion of the respective judges, there is sufficient merit in the several contests to warrant their distribution.

HONORS AND DEGREES.

SPECIAL HONORS will be conferred at Commencement upon any member of the Senior Class who shall have complied with the following conditions: 1. He must have excelled in the required work of the study in which he desires Honors, and also in the required work of two cognate studies. 2. In this and a cognate study, he must have taken the equivalent of six hours a week for a year of elective work, and must have passed the examinations on them with distinction. 3. He must pass an examination before a committee of the Faculty on as much extra work in the study in which he desires Honors as would be equal to two hours a week for a year. This examination may be oral, written, or by practical work, and may be so extended as to cover the whole work of the student in that department.

Departments are open for Honors as follows: I. Natural History, II. Physics, III. Chemistry, IV. Mathematics, V. Philosophy, VI. Modern Languages, VII. Classics.

A student is expected to apply for Honors as early as the middle of his Junior year, and may make up his standing in any study in which he is deficient. The grade of Honors, as well as the department, will be mentioned in the diploma and printed in the catalogue. Special requisitions may be made in any department.

THE DEGREE OF MASTER OF ARTS will be conferred upon such Bachelors of Arts and Bachelors of Philosophy as, having been accepted as candidates by the Faculty, shall pursue, during a residence of not less than one year, and under the instruction of the Faculty, a prescribed course of study in at least two departments. The condition of residence may be waived, but in such case the required attainment must be ascertained by examination. This degree will be conferred, under the same conditions, on graduates of other colleges whose courses of study have been equivalent to the courses for which the degrees of A. B. and Ph. B. are given by Tufts College.

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AWARDS OF PRIZES FOR 1888-89.

Greenwood Prize Scholarship.

TO WILLIAM BEST EDDY, of the Senior Class.

Preparatory School Prize Scholarship.

TO WILLIS FULLER SEWALL, of the Junior Class, fitted at Westbrook Seminary.

For Latin Composition.

TO WILLIAM KENDALL DENISON, of the Sophomore Class.

For Examination in Mathematics.

TO MELVIN MAYNARD JOHNSON, of the Freshman Class.

For Reading.

TO ISAAC WALLACE CATE and WILLIAM BEST EDDY, of the Senior Class.

For Declamation.

TO WILLIAM HENRY CHAPMAN, of the Junior Class ; and HENRY AUSTIN POTTER and FREDERICK WILLIAM PERKINS, of the Sophomore Class.

DIVINITY SCHOOL.

FACULTY OF THE DIVINITY SCHOOL.

ELMER H. CAPEN, D. D., *President.*

THOMAS J. SAWYER, D. D., *Dean.*

CHARLES H. LEONARD, D. D.

WILLIAM G. TOUSEY, A. M., B. D.

GEORGE T. KNIGHT, A. M., B. D., *Secretary.*

GEORGE M. HARMON, A. M., B. D.

MOSES T. BROWN, A. M.

WARREN S. WOODBRIDGE, B. D.

WILLIAM R. SHIPMAN, D. D.

HENRY I. CUSHMAN, D. D.

EDWARD L. HOUGHTON, A. M.

STUDENTS.

SENIOR CLASS.

Albion, James Francis,	<i>College Hill,</i>	Winthrop St.
Cushman, Herbert Ernest, A. B. (Bates College),	<i>Lewiston, Me.,</i>	West Hall, 25.
Fisher, Thomas Baldwin Thayer,	<i>Charlotte, Me.,</i>	Moore St.
Payne, Thomas Birton,	<i>Towanda, Pa.,</i>	West Hall, 25.
Pease, Lewis Edwin,	<i>Medford,</i>	Gove St.
Powers, Levi Moore,	<i>Newry, Me.,</i>	West Hall, 21.
Priest, Fred Clarence,	<i>Winchester, N. H.,</i>	Curtis St.
Torsleff, Andrew Jacob,	<i>Chelsea,</i>	West Hall, 24.

MIDDLE CLASS.

Atwood, Luther Weston,	<i>Auburn, Me.,</i>	West Hall, 28.
Felt, Elmer Jay, B. S. (Buchtel College),	<i>Akron, Ohio,</i>	West Hall, 2.
Fister, Harry Fay,	<i>Sturgis, Mich.,</i>	West Hall, 24.
Hammond, Joseph Frank,	<i>New Gloucester, Me.,</i>	West Hall, 28.
Peshdimaljian, Barooyr Michael,	<i>Adrianople, Turkey,</i>	West Hall, 32.
Rose, Henry Reuben,	<i>Philadelphia, Pa.,</i>	West Hall, 29.
White, William Shaw, A. B. (Brown University),	<i>Pawtucket, R. I.,</i>	West Hall, 21.

JUNIOR CLASS.

Bilkovsky, Anthony,	<i>Detroit, Mich.,</i>	West Hall, 22.
Blackford, Harry, A. B. (National Norm. Univ.),	<i>El Dorado, Ohio,</i>	West Hall, 6.
Cate, Isaac Wallace, A. B.,	<i>N. Montpelier, Vt.,</i>	West Hall, 26.
Conner, Ralph Everett,	<i>So. Newmarket, N. H.,</i>	West Hall, 30.
Eddy, William Best, A. B.,	<i>Troy, N. Y.,</i>	West Hall, 13.

Evans, Frederick Waldron,	<i>Chelsea,</i>	West Hall, 31.
Holbrook, Charles Forest,	<i>Stoughton,</i>	West Hall, 2.
Maxham, Herbert Olin, A. B.,	<i>College Hill,</i>	Winthrop St.
Moulton, Herbert Frank,	<i>Scarborough, Me.,</i>	West Hall, 27.
Sayles, John Augustus,	<i>Somerset,</i>	West Hall, 27.
Skilling, George Wilbert,	<i>Minneapolis, Minn.,</i>	East Hall, 14.
Williams, Lester Ellsworth,	<i>Nottingham, N. H.,</i>	West Hall, 31.

SUB-JUNIOR CLASS.

Markley, Howard Anthony,	<i>Philadelphia, Pa.,</i>	West Hall, 29.
Maxwell, Harley Davidson,	<i>Moore's Mills, N. B.,</i>	West Hall, 32.
Moore, Leslie,	<i>Somerville,</i>	West Hall, 30.

SPECIAL STUDENTS.

Carney, James Francis,	<i>Albany, P. E. I.,</i>	West Hall, 22.
Hamilton, Frederick William, A.M.,	<i>Portland, Me.,</i>	Mrs. Littlefield's.
Marshall, Harold,	<i>Kingston, N. H.,</i>	West Hall, 15.
Puffer, Charles Hunnicutt, A. B.,	<i>College Hill,</i>	Curtis St.

ADMISSION .

TO

THE THEOLOGICAL COURSE.

Candidates unknown to the Faculty must bring satisfactory testimonials of good character. They must believe in the Christian religion, and have a sincere purpose to devote their lives to the Christian ministry. It is expected that they will present themselves on the day preceding the first day of the academic year.

Bachelors of Arts are admitted to the Junior Class without examination. Candidates for the Four-Years Course are examined in some one of the Greek Classics or in the Greek of the Gospels, and in the English studies usually pursued in High Schools.

Applicants may be admitted to the school for any period of not less than one year. Those applying for admission to an advanced standing are examined in the studies which have been pursued by the class they propose to enter.

It is earnestly recommended that all who are contemplating a course of theology should take, as preliminary, a full collegiate course of study. The call is for men of liberal culture, and it has been found that academic discipline is of great value as a preparation for professional studies. It has not been thought expedient, however, to make such a requisition, for it has been found that earnest and capable men aspire to the Christian ministry, whose circumstances forbid so extensive preparation. To meet the wants of such, and yet provide for thorough training and comprehensive development, a four-years course has been instituted.

COURSE OF STUDY.

SUB-JUNIOR CLASS.

RHETORIC. — Principles of Effective Speech ; Rhetoric Analysis ; Themes.

PSYCHOLOGY. — The Intellect ; The Sensibilities ; Leading Questions of Mental Philosophy.

LOGIC. — Deduction ; Induction.

LANGUAGES. — Hebrew ; German.

JUNIOR CLASS.

LOGIC. — Fallacies ; Study of Arguments.

HISTORY. — History of the Jews until the Time of Christ ; The Life of Christ ; History of the Church and of Doctrines from the Apostles to the Treaty of Westphalia.

NEW TESTAMENT. — Hermeneutics ; Critical and Exegetical Study of the Synoptic Gospels.

OLD TESTAMENT. — The Hebrew Language ; Readings from Genesis.

HOMILETICS. — History of Preaching ; The Conception and Structure of the Sermon ; Homiletical Analysis of Portions of the New Testament.

MIDDLE CLASS.

PSYCHOLOGY. — The Will ; The Moral Nature ; Practical Ethics.

HISTORY. — History of the Modern Sects and Doctrines.

NEW TESTAMENT. — Critical and Exegetical Study of the Fourth Gospel, and of the Epistles ; New Testament Theology.

OLD TESTAMENT. — Criticism and Exegesis of Historical and Prophetical Books.

SYSTEMATIC THEOLOGY. — Apologetics ; Theology ; Anthropology ; Christology ; Soteriology ; Eschatology.

HOMILETICS. — Study of the Sermons of Eminent Preachers ; Lectures ; The Composition and Delivery of Sermons.

SENIOR CLASS.

PSYCHOLOGY. — Types of Ethical Theories ; Christian Ethics.

NATURAL THEOLOGY. — Theistic Arguments ; Special Studies with reference to the Evidences of Order and Design ; Relations of Science and Religion.

COMPARATIVE THEOLOGY. — The Non-Christian Systems.

HOMILETICS. — Lectures on Sermon Style and on Preaching ; The Composition and Delivery of Sermons.

CHURCH GOVERNMENT. — The Ecclesiastical Polity of the New Testament ; The Polity of Special Churches Compared ; The Government and Discipline of the Universalist Church.

PASTORAL THEOLOGY. — Pastoral Qualifications and Duties ; The Administration of Religion in general ; Organized Work in the Parish.

GENERAL INFORMATION.

RELIGIOUS EXERCISES.

Devotional services are held daily in the Chapel; also, weekly evening Prayer Meetings. Members of the upper classes prepare sermons and preach them in turn before the class.

EXAMINATIONS.

Frequent written reviews are held in all departments; and when any subject is completed the students are required to pass a public written examination thereon.

LIBRARIES AND LECTURES.

Students have free access to the general library of the College; also to the valuable library of the Universalist Historical Society. Important public libraries of Boston are open to students for consultation.

Supplementary lectures, which bear upon the general work of the Christian Ministry, and upon special subjects of study, are given at intervals throughout the year by well-known clergymen of the vicinity.

ELECTIVE STUDIES.

Students are permitted to elect studies in other departments of the College, subject, however, to the discretion of the Faculty.

GENERAL FACILITIES.

Important facilities for general improvement are offered to students, in the valuable libraries and museums of Boston and vicinity. Elaborate courses of lectures on scientific, social, and literary subjects are presented to the public from time to time. The most noted divines of New England officiate every Sunday within easy distance, and may be studied by the student in respect to their

teachings and their methods. It is the policy of the school to encourage the judicious use of these important instrumentalities of culture.

COURSES OF STUDY AND DEGREES.

THE FULL COURSE for Bachelors of Arts occupies three years ; for all others, four years. Special courses occupy respectively one, two, and three years.

THE DEGREE OF BACHELOR OF DIVINITY is conferred upon college graduates who sustain satisfactorily an examination on the studies of the prescribed Course, and upon others, who, in the judgment of the Faculty, have made equivalent attainments. Diplomas certifying to attainments are conferred upon those who have taken in a satisfactory manner the Four-Years Course.

THE DEGREE OF MASTER OF ARTS is conferred at the same time with the Degree of Bachelor of Divinity upon Bachelors of Arts of Tufts College who have pursued with distinction the full course for B. D. This degree is conferred under the same conditions on Bachelors of Arts of other colleges whose courses of study have been equivalent to the course for which the degree of A. B. is given by Tufts College.

Opportunities for pursuing advanced studies are offered to graduates, and to others sufficiently qualified.

ROOMS AND EXPENSES.

The rooms assigned to the Divinity students are in the West Hall. Each study is provided with suitable furniture ; and the bedroom adjoining each study is furnished with bedstead, bureau, etc.

Tuition, room-rent, and use of furniture, free. The price of board is about three dollars per week. The necessary school expenses, including board, washing, fuel, light, text-books, etc., will not exceed two hundred dollars per year.

The General Convention of Universalists aids students by a system of loans ; and those in the regular course who have shown sufficient maturity are permitted to preach, under the direction of the Faculty, during the year and a half preceding their graduation. In this way they may add to their pecuniary resources.

SCHOLARSHIPS, ETC.

THE GREENWOOD SCHOLARSHIP. — The income of one thousand dollars, bequeathed by the late Mrs. Eliza M. Greenwood, of Malden, is given in prizes to members of the Divinity School for excellence in the Department of Elocution.

For the year 1889, these prizes were awarded to HENRY REUBEN ROSE, ANDREW JACOB TORSLEFF, and LEON OSCAR WILLIAMS.

THE DOCKSTADER SCHOLARSHIPS. — The income of five thousand dollars given by George A. Dockstader, of New York, is appropriated to the aid of needy and worthy students.

The income of the VANNEVAR FUND is used in the purchase of books for the Department of Homiletics.

CALENDAR.

1889.

- SEPT. 19. College year begins, Thursday morning.
SEPT. 22. Russell Lecture, Sunday, 4 P. M.
DEC. 18. Recess begins, Wednesday evening.

1890.

- JAN. 1. Recess ends, Wednesday evening.
FEB. 1. Limit of time for reporting Electives.
FEB. 8. End of first half year, Saturday.
JUNE 10. Prize Speaking and Reading, Tuesday, 3 P. M.
JUNE 15. Baccalaureate Sermon, Sunday, 4 P. M.
JUNE 18. Commencement, third Wednesday in June.
JUNE 19. Examination for Admission begins, Thursday, 9. A. M.

SUMMER VACATION, THIRTEEN WEEKS.

- SEPT. 16. Second Examination for Admission, Tuesday, 9 A. M.
SEPT. 17. Examination for Admission to the Divinity School.
SEPT. 18. College year begins, Thursday morning.
SEPT. 20. Limit of time for reporting Electives.
SEPT. 21. Russell Lecture, Sunday, 4 P. M.
OCT. 6. Annual meeting of the Board of Trustees, Monday.

In addition to the above-mentioned recesses, College exercises are suspended from Wednesday afternoon of Thanksgiving and Fast-Day weeks until the following Monday morning.

NOTE. — The College is four miles from Boston. Post-Office Address: COLLEGE HILL, MASS.

Trains stopping at College Hill leave the station of the Lowell Railroad in Boston, at 6.55, 7.32, 8.10, 9.05, 9.35, 10.15, 11.30 A. M., 12.10, 1.40, 2.30, 3.30, 4.30, 5.05, 5.50, 6.20, 6.40, 7.15, 9.00, 11.15 P. M. Sunday, 10.00 A. M., 1.05, 1.30, 4.00, 5.30, 7.15, 7.45, 10.15 P. M. Return at 6.14, 6.30, 7.02, 7.19, 7.46, 8.09, 8.44, 9.18, 10.45, 11.08 A. M., 12.00, 1.30, 2.27, 3.41, 4.23, 5.40, 7.06, 9.04, 9.44, 10.29, P. M. Sunday, 9.16 A. M., 12.19, 12.56, 2.49, 4.26, 6.19, 6.56, 8.57, 9.23 P. M.

CATALOGUE
OF THE
OFFICERS AND STUDENTS
OF
TUFTS COLLEGE.

1890-91.

BOSTON:
ALFRED MUDGE & SON, PRINTERS,
No. 24 FRANKLIN STREET.

1890.

TRUSTEES.

HON. CHARLES ROBINSON, LL. D.

REV. ALONZO A. MINER, D. D., LL. D.

REV. LUCIUS R. PAIGE, D. D.

HON. TIMOTHY T. SAWYER.

HON. NEWTON TALBOT.

REV. ELMER H. CAPEN, D. D.

HON. CHARLES G. POPE, A. M.

WILLIAM H. FINNEY, A. M.

CHARLES S. FOBES, A. M.

HON. HOSEA M. KNOWLTON.

THOMAS H. ARMSTRONG, A. M.

REV. HENRY W. RUGG, D. D.

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REV. J. COLEMAN ADAMS, D. D.

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BYRON GROCE, A. M.

ARTHUR E. DENISON.

HENRY D. WILLIAMS, A. M.

HON. JOSEPH DAVIS.

THOMAS G. FROTHINGHAM.

WILLIAM OSCAR CORNELL.

WILLIAM B. BEMENT.

HON. HOSEA W. PARKER, A. M.

HON. WILLIAM D. WASHBURN.

WALTER E. PARKER.

HON. HENRY B. METCALF, A. M.

WILLIAM W. SPAULDING.

DAVID CUMMINGS.

ORGANIZATION OF THE TRUSTEES.

President.

CHARLES ROBINSON.

Vice-President.

JOHN D. W. JOY.

Secretary.

THOMAS H. ARMSTRONG.

Treasurer.

NEWTON TALBOT.

Executive Committee.

CHARLES ROBINSON.

ALONZO A. MINER.

JOHN D. W. JOY.

CHARLES WHITTIER.

ELMER H. CAPEN.

WILLIAM H. FINNEY.

HENRY D. WILLIAMS.

AND THE SECRETARY AND TREASURER, *ex officio*.

BOARDS OF VISITORS.

For the College of Letters.

CHARLES W. PARMENTER, CHAIRMAN.

FREDERICK T. FARNSWORTH.

HENRY I. CUSHMAN.

LORIN L. DAME.

ARTHUR E. DENISON.

WILLIAM W. SPAULDING.

HENRY BLANCHARD.

HENRY C. MESERVE.

THOMAS H. ARMSTRONG.

For the Divinity School.

HIRAM A. PHILBROOK, CHAIRMAN.

WARREN S. WOODBRIDGE.

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EDWARD L. HOUGHTON.

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OFFICERS OF INSTRUCTION AND GOVERNMENT.

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Professor of the Greek Language and Literature.

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Professor of the Latin Language and Literature.

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Professor of Physics and Astronomy.

GEORGE M. HARMON, A. M., B. D.,
Professor of Biblical Theology.

MOSES T. BROWN, A. M.,
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Wade Professor of Modern Languages.

CHARLES D. BRAY, C. E., A. M.,

Professor of Civil and Mechanical Engineering.

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Professor of Psychology and Natural Theology.

GEORGE T. KNIGHT, A. M., B. D.,

Professor of Church History.

WILLIAM L. HOOPER, A. M.,

Professor of Electrical Engineering.

ARTHUR M. COMEY, A. M., PH. D.,

Professor of Chemistry.

ANSON B. CURTIS, PH. D.,

Instructor in Hebrew.

JOHN S. LAMSON, A. M. B.,

Walker Special Instructor in Mathematics.

FRANK W. DURKEE, A. M.,

Instructor in Chemistry and Gymnastics.

S. THOMAS KIRK,

Instructor in Carpentry.

FREMONT SWAIN, M. D.,

Medical Examiner.

WILLIS F. SEWALL, A. B.,

Tutor in French.

ALFRED P. PUTNAM, D. D.,

Lecturer on the History of Bible Lands.

HENRY I. CUSHMAN, D. D.,

Lecturer on Methods of Biblical Study.

HELEN L. MELLEN,

Librarian.

FACULTY OF THE COLLEGE OF LETTERS.

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ARTHUR M. COMEY, A. M., PH. D.

WILLIAM L. HOOPER, A. M.

JOHN S. LAMSON, A. M. B.

CANDIDATES

FOR THE

DEGREE OF MASTER OF ARTS.

HATHAWAY, CHARLES AUGUSTUS, '90 *Stamford, Conn.*
(*Geology and Latin.*)

MAULSBY, DAVID LEE, '87 *Barre, Vt.*
(*French and English Literature.*)

MENDUM, SAMUEL WARREN, '85 *Woburn.*
(*German and Political Economy.*)

PROUTY, WILLIS JAMES, '87 *Meriden, Conn.*
(*Latin and Mathematics.*)

STONE, HENRY BEECHER, '86 *Deering, Me.*
(*Natural History and Physics.*)

WHITE, TRUE WORTHY, '87 *Andover, N. H.*
(*English Literature and Psychology.*)

BABSON, ALBERT DULEY, '90 *Gloucester.*
(*Mathematics and Physics, for A. M. M.*)

TAPPAN, ARTHUR WELLINGTON, '90 *Charlestown.*
(*Electricity and Steam, for A. M. M.*)

UNDERGRADUATES.

SENIOR CLASS.

Cunningham, Benjamin Frazier,	<i>Gloucester,</i>	West Hall, 4.
Denison, William Kendall,	<i>Newtonville,</i>	Dean Hall, 6.
Dolliver, George Carroll,	<i>Gloucester,</i>	West Hall, 4.
Grose, Arthur Wilder,	<i>Abington,</i>	Dean Hall, 7.
Keirn, Gideon Isaac,	<i>College Hill,</i>	Prof. Tousey's.
Perkins, Frederick William,	<i>Roxbury,</i>	Dean Hall, 7.
Stover, Charles Livingston,	<i>Haverhill,</i>	West Hall, 12.
Towle, George Gilman,	<i>Dover, N. H.,</i>	East Hall, 9.
Tucker, Charles Rollins,	<i>Stoughton,</i>	West Hall, 6.
Tuttle, Hiram Austin,	<i>Salem,</i>	West Hall, 12.

JUNIOR CLASS.

Arnold, George Allen,	<i>Braintree,</i>	East Hall, 18.
Brooks, Maro Spaulding,	<i>Hancock, N. H.,</i>	East Hall, 18.
Carter, Horace Choate,	<i>Springfield,</i>	West Hall, 16.
Cobb, Joseph Fernald,	<i>Deering, Me.,</i>	Mid. Hall, 9.
Gray, William Southwick,	<i>College Hill,</i>	West Hall, 1.
Johnson, Melvin Maynard,	<i>Waltham,</i>	Dean Hall, 10.
Kimball, Fred Elbert,	<i>Burlington, Vt.,</i>	West Hall, 9.
Lyon, Fred Dow,	<i>North Attleboro,</i>	Dean Hall, 13.
North, Frank Allen,	<i>Boston,</i>	Dean Hall, 10.
Perry, Henry Joseph,	<i>Fort Plain, N. Y.,</i>	West Hall, 1.
Peterson, Arthur Everett,	<i>College Hill,</i>	West Hall, 1.
Putnam, Bertrand Flavel,	<i>New Salem,</i>	Dean Hall, 2.
Randall, Arthur Gile,	<i>North Attleboro,</i>	Dean Hall, 13.
Williams, Loring George,	<i>Nottingham, N. H.,</i>	Dean Hall, 14.
Willis, Charles Austin,	<i>Waltham,</i>	Dean Hall, 5.
Willis, Dwight Fletcher,	<i>Waltham,</i>	Dean Hall, 5.

SOPHOMORE CLASS.

Arnold, Louis Wales,	<i>Braintree,</i>	East Hall, 18.
DeGoosh, Arthur Winfield,	<i>Bradford, Vt.,</i>	Dean Hall, 4.
Ellis, Ira Harwood,	<i>Bethel, Vt.,</i>	Dean Hall, 4.
Groce, Joseph Byron,	<i>Roxbury,</i>	Dean Hall, 12.
Hawkins, Walter Stanley,	<i>Stoneham,</i>	East Hall, 16.
Kipp, Charles Goodhue,	<i>New York, N. Y.,</i>	Dean Hall, 9.
Martin, Willard Shepard,	<i>Plainfield, Vt.,</i>	Dean Hall, 4.
Spaulding, Harris Waldemar,	<i>Haverhill,</i>	Dean Hall, 11.
Thompson, Alfred Percival,	<i>Middleboro,</i>	East Hall, 16.

FRESHMAN CLASS.

Benton, Herbert Elmer,	<i>Annisquam,</i>	East Hall, 31.
Eastwood, James Stewart,	<i>West Brattleboro, Vt.,</i>	East Hall, 31.
Flynn, John William,	<i>Rockland,</i>	East Hall, 30.
Goodrich, William Henry,	<i>Fitchburg,</i>	Dean Hall, 3.
Hicks, Blanchard Fossett,	<i>Rockland, Me.,</i>	West Hall, 14.
Hodgdon, Fred Crosby,	<i>Waltham,</i>	East Hall, 5.
Lambert, Fred Dayton,	<i>Muscatine, Ia.,</i>	Mrs. Bentley's.
Leighton, Virgil Louis,	<i>West Falmouth, Me.,</i>	East Hall, 10.
Russ, Wilfrid Wesley,	<i>Haverhill,</i>	West Hall, 3.
Small, Willard Stanton,	<i>North Truro,</i>	East Hall, 8.
Snow, Charles Joseph,	<i>Haverhill,</i>	Dean Hall, 10.
Stroud, Charles Crawford,	<i>Grosvenordale,</i>	East Hall, 25.
Wade, Charles St. Clair,	<i>West Somerville,</i>	East Hall, 5.
Walker, Fred Storer,	<i>Westbrook, Me.,</i>	East Hall, 10.
Webster, Fred Henry,	<i>Haverhill,</i>	West Hall, 3.
Whittemore, Thomas,	<i>Cambridge,</i>	Dean Hall, 12.
Wren, Frank George,	<i>Roslindale,</i>	East Hall, 25.

STUDENTS IN ENGINEERING.

THIRD CLASS.

Bourne, Charles Oscar,	<i>Charlestown,</i>	Mid. Hall, 8.
Brown, Robert Pond,	<i>Whiting, Vt.,</i>	Mid. Hall, 12.
Davis, Charles Staples,	<i>Somerville,</i>	Mid. Hall, 7.
Fiske, Warren Herbert,	<i>Somerville,</i>	West Hall, 7.
Foster, William Wallace,	<i>Brewster,</i>	West Hall, 15.
Pottle, William Courtney,	<i>Somerville,</i>	Mid. Hall, 7.
Putnam, Joseph Warren,	<i>Charlestown,</i>	Mid. Hall, 12.
Stephenson, Frank Henry,	<i>Hudson,</i>	West Hall, 7.
Teele, Fred Warren,	<i>West Somerville,</i>	Mr. Teele's.
Thompson, Benjamin Franklin,	<i>Winchester,</i>	Dean Hall, 9.

SECOND CLASS.

Clark, James Colby Dorr,	<i>Medford,</i>	Dean Hall, 1.
Curtiss, Wooster Blake,	<i>Medford,</i>	East Hall, 13.
Doane, Francis Hathaway,	<i>Newtonville,</i>	West Hall, 10.
Dolbear, Clinton Emerson,	<i>College Hill,</i>	Prof. Dolbear's.
Edson, Howard Lincoln,	<i>Braintree,</i>	Dean Hall, 14.
Hardwick, Joseph,	<i>Weymouth,</i>	Mid. Hall, 10.
Hollister, John Murray,	<i>Plainfield, Nt.,</i>	West Hall, 9.
Hosford, Frederick William,	<i>Medford,</i>	Mid. Hall, 10.
Hunt, Edward Jarvis,	<i>Bangor, Me.,</i>	Dean Hall, 2.
Kennedy, Alfred Warren,	<i>South Medford,</i>	Mr. Kennedy.
Swain, Henry Sumner,	<i>Boston,</i>	Mid. Hall, 8.
Thayer, Albert Oliver,	<i>West Somerville,</i>	Mr. Thayer's.
Wilson, Louis Melvin,	<i>Roxe,</i>	Mid. Hall, 11.
Wing, Frank Augustus,	<i>West Somerville,</i>	Mid. Hall, 5.

FIRST CLASS.

Aldrich, Frank Lawson,	<i>Thompson, Conn.,</i>	East Hall, 25.
Bates, George Moulton,	<i>Waltham,</i>	Dean Hall, 3.
Byrne, Edward Patrick,	<i>Medford,</i>	East Hall, 14.
Cate, Henry Ward,	<i>North Montpelier, Vt.,</i>	West Hall, 11.
Chase, Harry Gordon,	<i>West Newbury,</i>	Dean Hall, 1.
Eaton, Clarence Livingstone,	<i>Weymouth,</i>	West Hall, 2.
Gow, Charles Rice,	<i>Medford,</i>	East Hall, 14.
Lane, Arthur Kempton,	<i>Boston,</i>	Dean Hall, 8.
Neal, John Alden,	<i>Wiscasset, Me.,</i>	West Hall, 2.
Robinson, Harry Orman,	<i>Bangor, Me.,</i>	East Hall, 23.
Shaw, Stillman,	<i>Woburn,</i>	East Hall, 16.
Smith, Phil Sheridan,	<i>North Tunbridge, Vt.,</i>	West Hall, 11.
Weston, Howard Hanchett,	<i>East Somerville,</i>	East Hall, 5.
Whitney, Orville Jophanus,	<i>Medford,</i>	East Hall, 14.

SPECIAL STUDENTS.

Bathrick, Walter Henry,	<i>East Somerville,</i>	Mid. Hall, 9.
Brooks, Samuel Heber,	<i>Charlestown,</i>	Mid. Hall, 11.
Carr, Fred Martin,	<i>Somerville,</i>	West Hall, 10.
Clyde, George Wilson,	<i>Hudson, N. H.,</i>	West Hall, 8.
Cushman, Ara,	<i>Auburn, Me.,</i>	East Hall, 22.
Edmands, Isaac Russell,	<i>Providence, R. I.,</i>	East Hall, 19.
Flynn, William Andrew,	<i>Rockland,</i>	East Hall, 30.
Gerrish, George Mayo,	<i>Woburn,</i>	East Hall, 9.
Hathaway, Carl Voltaire,	<i>South Cabot, Vt.,</i>	West Hall, 14.
Libby, Wentworth Roscoe,	<i>Chelsea,</i>	Mid. Hall, 6.
Mackenzie, Archibald,	<i>Woodstock, Vt.,</i>	East Hall, 27.
Marggraf, Edward Everett,	<i>Caledonia, O.,</i>	Mid. Hall, 6.
Morton, Nye Forrister,	<i>Springfield,</i>	West Hall, 10.
Peakes, Henry Allen,	<i>Moore's Mills, N. B.,</i>	East Hall, 6.
Penniman, George Arthur,	<i>Lowell,</i>	Dean Hall, 8.
Powell, Elmer Elbert,	<i>Orono, Me.,</i>	East Hall, 23.
Rogers, Louis Albert,	<i>Salem,</i>	West Hall, 8.
Strong, George Edward,	<i>Gloucester,</i>	East Hall, 6.
Symonds, Henry Allen,	<i>Hancock, N. H.,</i>	East Hall, 15.
Weeks, John Burgess,	<i>St. Albans, Vt.,</i>	Dean Hall, 6.

REQUISITIONS FOR ADMISSION.

For admission to the Freshman Class, an examination must be well sustained in the following studies:—

LATIN.—Cæsar's Gallic War, Books I.–IV.; Cicero's Orations, those against Catiline, for Archias, Marcellus, and the Manilian Law; Virgil's *Æneid*, Books I.–VI.; Ovid's *Metamorphoses*, 2,500 lines; Allen and Greenough's, or Harkness's Grammar, including Prosody; Harkness's Latin Composition, to Part III., and translation into Latin of a connected passage of English prose, not taken from the text-book, but involving only familiar words and idioms.

While the foregoing requirements are preferred, equivalents will be accepted; also, in place of the last two orations of Cicero and the specified amount of Ovid, an examination may be taken, if desired, on average passages from each of the above-named works, not included in the portions prescribed.

GREEK.—I. Three books of Homer's *Iliad*; four books of Xenophon's *Anabasis*; Hadley's, Crosby's, Curtius's, or Goodwin's Greek Grammar, including Prosody; writing Greek with the accents; or, as an alternative,

II. Translation at sight of easy passages of the *Anabasis*, and of average passages from the *Iliad* (with a vocabulary of the less-used words), in place of the quantity requisition in Xenophon and Homer; Prose Composition as in I.

It is recommended that special attention be given to translating English into Greek and Latin, and that pupils be accustomed to this exercise from the beginning of the preparatory course.

GERMAN OR FRENCH.—I. Proficiency in elementary grammar, implying especially a familiarity with the following topics: In German, the declension of such nouns as are easily classified, of adjectives, and pronouns; the inflection of weak and the more usual strong verbs; simple cases of word order. In French, variation of nouns and adjectives for gender and number; the

uses of pronouns, especially of conjunctive objects and equivalents of English *that* and *what*; the partitive constructions; the inflection of regular and the more usual irregular verbs, such as *dire, faire*, and the classes represented by *ouvrir, sentir, venir, paraître, conduire*, and *craindre*.

II. Some facility in translation, to be acquired by the reading of easy prose, in German of one hundred, in French of two hundred duodecimo pages.

III. Ability to pronounce the language presented, and to recognize words and simple phrases when uttered.

For admission to the Philosophical Course, German or French is substituted for Greek. The candidate must give evidence of a thorough knowledge of the accidents and more important principles of the syntax of the language presented, and be able to render simple English sentences into the same, and must have translated the equivalent of four hundred pages of German or six hundred of French, including two classic dramas. The Joynes-Meissner German Grammar and Edgren's French Grammar may represent the amount of text-book work in grammar and composition required for preparation in these languages.

After 1891 a new course, leading to the degree of Bachelor of Arts, will be opened to candidates who offer in the place of Greek an increased amount of German or French, as follows: Grammar, as above for Philosophical Course; translation, seven hundred pages of German, or twelve hundred of French; ability to write in the language presented a paragraph on an assigned subject connected with some one of the works read in preparation.

MATHEMATICS. — Arithmetic with the Metric system; Algebra through Quadratic Equations, including Radical Quantities, together with Proportion, Arithmetical and Geometrical Progressions, and the Binomial Theorem for positive integral exponents; Plane Geometry.

GEOGRAPHY AND HISTORY. — Outlines of Ancient Geography; Smith's Smaller History of Greece, to the death of Alexander; Allen's History of Rome.

ENGLISH GRAMMAR AND COMPOSITION. — Spelling; Punctuation; Structure of Sentences; Correct Use of Words; Clearness of Expression. The examination will consist, — 1. In writing a

short composition on a subject assigned; 2. In criticising specimens of incorrect English. Subjects for composition will be drawn from standard works in English literature. All the books named for a given year are to be read, and from two or three of them subjects will be assigned at the time of examination.

For 1891. — Shakespeare's *Julius Cæsar* and *Merchant of Venice*; Coleridge's *Ancient Mariner*; Longfellow's *Evangeline*; Macaulay's *Essay on Lord Clive*; Webster's first *Bunker Hill Oration*; Irving's *Alhambra*; Scott's *Old Mortality*; George Eliot's *Silas Marner*; Hawthorne's *House of the Seven Gables*.

For 1892. — Shakespeare's *Julius Cæsar* and *As You Like It*; Scott's *Marmion*; Longfellow's *Courtship of Miles Standish*; The *Sir Roger de Coverley Papers* in the *Spectator*; Macaulay's second *Essay on the Earl of Chatham*; Webster's first *Bunker Hill Oration*; Irving's *Alhambra*; Scott's *Talisman*; George Eliot's *Scenes from Clerical Life*; Hawthorne's *House of the Seven Gables*.

For 1893. — Shakespeare's *Julius Cæsar* and *Twelfth Night*; Scott's *Marmion*; Longfellow's *Courtship of Miles Standish*; The *Sir Roger de Coverley Papers* in the *Spectator*; Macaulay's second *Essay on the Earl of Chatham*; Emerson's *American Scholar*; Irving's *Sketch Book*; Scott's *Ivanhoe*.

The regular examination for admission will begin on the day after Commencement, and continue through the following day. A second examination will also be held on the Tuesday and Wednesday preceding the beginning of the college year. The examination will begin at 9 o'clock A. M., on each of these days.

For admission to an advanced class, an examination must be well sustained both in the preparatory studies and in the studies through which such class has passed. To be admitted to advanced standing, one must also pay half the tuition of the previous portion of the course, unless he comes from another college; provided, that if he be admitted at the beginning of the Senior year, the tuition of the Junior year shall be the only arrears required of him.

At the regular examination in June, those who will be candidates for admission to the Freshman Class one year later may present themselves for a preliminary examination, if certified by their teachers to be prepared on not less than nine of the sixteen subjects enumerated on the preceding pages, and may receive certificates if they pass on not less than seven. In making up the sixteen, Latin represents six subjects; Greek, German, or French, four; Mathematics, three; History, two; and English (to be presented only at the final examination), one.

While under certain conditions the certificates of teachers in good standing are accepted in lieu of an examination, this method of admission is regarded with disfavor. Candidates so admitted will be considered as upon a special probation, which may be terminated at any time if their preparation is found to be inadequate. To be received, the certificate (blank forms of which will be sent on application to the Secretary of the Faculty) must specify which of the subjects have been pursued, and to what extent, or what are offered as equivalents, in case the preparatory course has differed from that presupposed in the foregoing requisitions, and must express the opinion of the teacher that the candidate is well prepared to enter upon a college course.

COURSE OF STUDY.

FRESHMAN CLASS.

LATIN.—Livy ; Cicero, De Senectute ; Horace, Odes and Epodes ; Latin Composition.

Four hours a week for the year.

ROMAN HISTORY. — Liddell ; Rawlinson's Manual ; Ramsay's Elementary Manual of Roman Antiquities, with Illustrated Lectures ; Lectures on the History of the Latin Language and Literature.

Two hours a week for the year.

GREEK. — Xenophon ; Herodotus ; Thucydides ; Homer's Odyssey ; Dialects ; Prose Composition ; Goodwin's Greek Moods and Tenses.

Six hours a week for first, five for second half year.

MATHEMATICS. — Taylor's College Algebra ; Byerly's Chauvenet's Solid and Spherical Geometry ; Wentworth's Trigonometry.

Four hours a week for the year.

ORATORY. — Declamations ; Lectures.

Two hours a week for second half year.

RHETORIC. — Extemporaneous Composition.

One hour a week for first half year.

SOPHOMORE CLASS.

LATIN. — Horace, Satires and Epistles ; Cicero, Tusculans ; Tacitus, Annals ; Latin Composition.

Four hours a week for first, three for second half year.

FRENCH. — Edgren's French Grammar ; Super's French Reader.

Six hours a week for second half year.

GREEK. — The Orators ; Prose Composition.

Four hours a week for first half year.

PHYSICS. — Daniell's Principles.

Three hours a week for second half year.

MATHEMATICS. — Hardy's Analytic Geometry ; Applications of Trigonometry ; Special Trigonometry.

Four hours a week for first half year.

ORATORY. — Lectures ; Declamations.

Two hours a week for second half year.

RHETORIC. — Genung's ; Bain's ; Four Themes ; Extemporaneous Composition.

Four hours a week for first half year.

Also three hours a week for the second half year in one of the following

ELECTIVE STUDIES :

GREEK. — The Dramatists ; Study of Metres.

ENGLISH LITERATURE. — Chaucer to Shakespeare.

NATURAL HISTORY. — Bastin's Botany, Gray's Lessons and Manual.

MATHEMATICS. — Taylor's Differential and Integral Calculus.

JUNIOR CLASS.

GERMAN. — Theoretical Grammar in Lectures; The Joynes-Meissner Grammar; Bernhardt, Im Zwielficht, II.; Buchheim, Deutsche Lyrik.

Six hours a week for first half year.

PHYSICS. — Daniell's Principles.

Three hours a week for the year.

CHEMISTRY. — Inorganic Chemistry, with Recitations and Lectures.

Four hours a week for first half year.

PSYCHOLOGY. — Hill's; Sully's.

Four hours a week for second half year.

RHETORIC. — Four Themes; Extemporaneous Composition.

Also three hours a week for the first, and nine for the second half year in one or more of the following

ELECTIVE STUDIES:

GREEK. — Plato.

LATIN. — Juvenal; Cicero.

GERMAN. — Wieland, Oberon (selections); Göthe, Hermann und Dorothea; Lessing, Minna von Barnhelm.

FRENCH. — Dramatists of the Classic Period; Modern Novelists; Plœtz, Nouvelle Grammaire Française (basée sur le latin).

ENGLISH LITERATURE. — Milton to Cowper, first half year; 1800 to 1830, second half year.

PHYSICS. — Investigations in the Laboratory; Physical Manipulations, Pickering, Kohlrausch; Light, Glazebrook; Electricity, Trowbridge; Projection, Dolbear.

CHEMISTRY. — Qualitative Analysis, second half year.

NATURAL HISTORY. — Martin, *The Human Body*; Zoölogy, Nicholson's and Packard's, second half year.

ENGINEERING. — Descriptive Geometry; Draughting.

MATHEMATICS. — Differential and Integral Calculus.

ORATORY. — Special Drill in Reading and Declamation.

SENIOR CLASS.

MORAL PHILOSOPHY. — "Calderwood's Moral Science.

Four hours a week for first half year.

POLITICAL ECONOMY. — Fawcett's, with Lectures.

Four hours a week for second half year.

LOGIC. — Jevons's; Davis's.

Four hours a week for first half year.

PHYSICS. — Peck's Astronomy.

Two hours a week for first half year.

RHETORIC. — Four Themes; Practical Exercises in Invention.

Also six hours a week for the first, and nine for the second half year in two or more of the following

ELECTIVE STUDIES:

JURISPRUDENCE. — Ancient Law; Roman Law; International Law; Constitutional Law; Lectures.

ENGLISH LITERATURE. — 1830 to the present time, first half year; Studies in Literary Criticism, second half year.

HISTORY OF PHILOSOPHY, first half year.

LOGIC, second half year.

GREEK, LATIN.

GERMAN. — Vilmar, *Geschichte der deutschen Literatur*; Göthe, *Faust*; Contemporary Prose.

FRENCH. — *Histoire de la littérature française*, Demogeot, P. Albert; Authors of the Romantic School; Advanced Composition.

ITALIAN. — Grandgent's *Grammar*; *De Amicis*, Olanda.

MATHEMATICS. — *Geometry of Three Dimensions*; *Mechanical and Architectural Drawing*; Salmon's *Conic Sections*; Advanced Mathematics.

CHEMISTRY. — *Qualitative Analysis, Laboratory Work*, continued; *Quantitative Analysis, for the year*; *Organic Chemistry, Lectures, Recitations, and Laboratory Work*, second half year.

PHYSICS. — *Conservation of Energy*, Stewart, Spencer; *Natural Philosophy*, Thomson and Tait; *Heat*, Maxwell; *Electricity*, Thomson, Cummings, Gray, Gordon; *Investigations in the Physical Laboratory*, Glazebrook, Pickering, Kohlrausch.

NATURAL HISTORY. — *Geology*, Le Conte's, with Lectures; *Mineralogy with Lectures*; *Biology*, Huxley and Martin's; *Botany*, Bessie's, first half year; *Zoölogy*, Nicholson's and Packard's, with practical work in the Laboratory; *Mineralogy*, Dana's Text-Book; Plattner's *Manual of Qualitative and Quantitative Blowpipe Analysis*, with Laboratory Work; Winchell, *Geological Studies*, second half year.

ENGINEERING. — *Topographical Surveying and Drawing*; *Steam-Engine*.

ORATORY. — *Special Drill in Reading and Declamation*.

PHILOSOPHICAL COURSE.

This course, leading to the degree of Bachelor of Philosophy, includes all the studies of the preceding course except Greek, for which the modern languages are substituted. It also offers an opportunity for pursuing elective studies to a somewhat greater extent.

The course of study coincides with the foregoing in the Senior year, and varies from it in the first three years, according as German (Course A) or French (Course B) has been presented for admission, as follows: —

FRESHMAN CLASS.

In the place of Greek,

GERMAN (Course A). — Brandt's Grammar; Historical Prose; Dramatists of the Classic Period; Composition.

Three hours a week for first, four for second half year.

FRENCH (Course B). — Chardenal's Second French Course, and Advanced Exercises; Historical Prose; Dramatists of the Classic Period; Modern Novelists.

Three hours a week for first, four for second half year.

And in both courses, three hours a week for the first half year in one of the following

ELECTIVE STUDIES:

HISTORY. — Of Greece, or of England.

ENGLISH. — Development of the Language.

SOPHOMORE CLASS.

Course A, in the place of Greek,

GERMAN. — Vilmar, Geschichte der deutschen Literatur ; Göthe, Faust ; Contemporary Prose.

Three hours a week for first half year.

Course B, in the place of Greek and French,

GERMAN. — Theoretical Grammar in Lectures ; The Joynes-Meissner Grammar ; Bernhardt, Im Zwielficht, II. ; Buchheim, Deutsche Lyrik ; Wieland, Oberon (selections) ; Göthe, Hermann und Dorothea ; Lessing, Minna von Barnhelm.

Six hours a week for first, three for second half year.

JUNIOR CLASS.

In the place of elementary German,

FRENCH (Course A). — Plœtz, Nouvelle Grammaire Française (basée sur le latin) ; Historical Prose ; Dramatists of the Classic Period ; Modern Novelists.

Three hours a week for first, four for second half year.

GERMAN (Course B). — Brandt's Grammar ; Historical Prose ; Dramatists of the Classic Period ; Composition.

Three hours a week for first, four for second half year.

And in both courses, six hours of elective work for the year, in studies open to Juniors.

DEPARTMENT OF ENGINEERING.

The degree of Bachelor of Mechanic Arts is conferred on those students who complete the prescribed studies of three years in the department of Engineering. The studies are arranged in two courses, for Civil and Electrical Engineers, and the course for which the degree is conferred is stated in the diploma.

The requisitions for admission are Mathematics, English Grammar and Composition, and French, as stated on pages 15, 16, and 17; also Solid Geometry.

Students of the Classical and Philosophical courses may so arrange their elective work as to make it possible to obtain the degree in Engineering after a post-graduate course of one year in this department.

COURSE IN CIVIL ENGINEERING.

FIRST YEAR.

MATHEMATICS. — Taylor's College Algebra; Byerly's Chauvenet's Solid and Spherical Geometry; Wentworth's Trigonometry.

Four hours a week for the year.

DESCRIPTIVE GEOMETRY; SHADES AND SHADOWS; PERSPECTIVE.

Three hours a week for second half year.

SURVEYING. — Theory, with Elementary Practice; Compass Surveys.

Three hours a week for second half year.

RHETORIC. — Extemporaneous Composition.

One hour a week for the year.

PHYSICAL ARITHMETIC. — McFarlin's.

Three hours a week for first half year.

MECHANICS. — Daniell's.

Three hours a week for second half year.

CHEMISTRY. — Inorganic Chemistry, with Recitations and Lectures.

Four hours a week for first half year.

FRENCH. — Edgren's French Grammar ; Super's French Reader.

Three hours a week for second half year.

DRAWING. — Plotting ; Orthographic Projection.

Three hours a week for the year.

PRACTICAL WORK. — Woodwork ; Carpentering ; Pattern-Making ; Turning.

Two hours a week for first half year.

SECOND YEAR.

MATHEMATICS I. — Hardy's Analytic Geometry ; Applications of Trigonometry.

Four hours a week for first half year.

MATHEMATICS II. — Taylor's Differential and Integral Calculus.

Three hours a week for second half year.

DESCRIPTIVE GEOMETRY ; SHADES AND SHADOWS ; PERSPECTIVE.

Three hours a week for first half year.

PHYSICAL AND CHEMICAL LABORATORY.

Three hours a week for second half year.

STEAM-ENGINE. — Theory and Construction.

Four hours a week for second half year.

TOPOGRAPHY. — Field Work and Drawing.

Three hours a week for the year.

PHYSICS. — Daniell's Principles.

Three hours a week for the year.

RHETORIC. — Genung's; Bain's; Four Themes.

Three hours a week for first half year.

THIRD YEAR.

MATHEMATICS. — Differential and Integral Calculus.

Three hours a week for the year.

MECHANICS. — Applied Mechanics.

Four hours a week for the year.

CIVIL ENGINEERING. — Strength of Materials; Stability of Structures of Stone, Wood, and Iron; Laboratory Work with Testing Machine; Drainage and Sewerage; Hydraulics.

Four hours a week for the year.

ROAD ENGINEERING. — Surveys and Estimates.

Three hours a week for first half year.

DRAWING. — Structures and Machines.

Three hours a week for the year.

PREPARATION OF THESIS.

Also three hours a week for the second half year in one of the following

ELECTIVE STUDIES :

NATURAL HISTORY. — Mineralogy, Dana's Text-Book ; Plattner's Manual of Qualitative and Quantitative Blowpipe Analysis, with Laboratory work.

ELECTRICITY.

CHEMISTRY. — Quantitative Analysis.

COURSE IN ELECTRICAL ENGINEERING.

This course varies from the foregoing as follows : —

FIRST YEAR.

In the place of Surveying,
MECHANICS. — Daniell's.

Three hours a week for second half year.

SECOND YEAR.

In the place of Topography,
PHYSICS. — Investigations in the Laboratory.

Three hours a week for the year.

PRACTICAL WORK. — Filing ; Turning ; Screw-cutting.

Two hours a week for second half year.

DRAWING. — Mechanical and Architectural.

Two hours a week for the year.

THIRD YEAR.

In the place of Civil Engineering, Road Engineering, and the elective study for the second half year,

ELECTRICITY. — Electrical Engineering.

Four hours a week for the year.

PHYSICS. — Laboratory Work, including Electrical Measurements and Applications of Electricity to Telegraph, Telephone, Lighting, Plating, and Transmission of Power.

Five hours a week for the year.

DRAWING.

Two hours a week for the year.

NOTE. — In the foregoing courses of study, two consecutive hours of work in the laboratories, or in draughting, and three hours in all other practical work, are reckoned as one programme hour.

ADMINISTRATION OF THE COLLEGE.

ELECTIVE STUDIES.

The programme requires sixteen recitations a week or their equivalent, except in the second half of the Senior year, when thirteen are required. In addition to the regular electives requisite to fill this programme, extra electives may be taken if, in the judgment of the Faculty, they can be profitably pursued. Choice of elective or optional studies for the first half year must be signified in writing to the Faculty on or before the first Saturday of the college year, and for the second half year on or before the last Saturday preceding mid-year. New elections may be made at such other times as are prescribed in the several departments.

RELIGIOUS OBSERVANCES.

All students are required to attend morning prayers in the Chapel, and, except those who go to their homes, public worship once on Sunday, either in the Chapel, or at such other church as they may choose.

THE RUSSELL LECTURE, established in accordance with a bequest of the late Hon. James Russell, of Arlington, is delivered before the Trustees, Faculty, and students on the first Sunday of the college year by either a clergyman or a layman, on a subject prescribed by the testator.

LIBRARY.

The Library, containing more than 25,000 volumes and 8,000 pamphlets, is open to members of the College, both for consultation and for the drawing of books, from 9.30 to 5 on week-days, except Wednesday and Saturday afternoons.

JOY LIBRARY FUND. — This fund now amounts to \$25,000, one half the income of which is devoted to the purchase of books for the Library.

GYMNASIUM.

The Goddard Gymnasium, furnished with apparatus under the direction of Dr. D. A. Sargent, is open daily from 9 to 12, and from 2 until sunset. Each student's exercise is adapted to his physical needs, as determined by medical examination, and measurements are made, from time to time, to ascertain the results of the training. Class instruction in gymnastics is given during the winter months.

EXPENSES.

Tuition	\$100 00	\$100 00
Gymnasium	4 00	4 00
Half Room Rent, with care, per year	15 00	75 00
Board, \$3.50 to \$4.50 per week	127 00	164 00
	<hr/>	
Total	\$246 00	\$343 00

Students working in the laboratories are charged for certain materials used, and for breakage. Any damage done by students to college property is charged in the term bills. Students board in commons at \$3.50 per week ; in private families at \$3.50 to \$4.50. Other expenses vary with the economy of each student. Students furnish their own rooms.

The charges for each year are contained in two bills, of which the first is made at the middle of the year, and is payable on the first day of March ; the second is made immediately after Commencement, and is payable on the first day of the following college year ; but the second bill of the Senior year must be settled by the Saturday before Commencement.

SCHOLARSHIPS.

Scholarships in the gift of the College are as follows : —

THREE STATE SCHOLARSHIPS, of *one hundred dollars* each, established in accordance with a requisition of the Commonwealth.

FIVE HOWLAND SCHOLARSHIPS, of *one hundred dollars* each, established from the income of the bequest of the late Edwin Howland, Esq., of South Africa.

FIVE WALKER MATHEMATICAL SCHOLARSHIPS, of *one hundred dollars* each, established in honor of the late William J. Walker, M. D., of Newport, R. I.

THE PERKINS SCHOLARSHIP, of *fifty dollars*, founded by James D. Perkins, Esq., of Brooklyn, N. Y., by a donation of one thousand dollars.

THE A. A. MINER SCHOLARSHIP, of *fifty dollars*, established by a donation of one thousand dollars.

THE GREENWOOD PRIZE SCHOLARSHIP, the income from the bequest of one thousand dollars by the late Mrs. Eliza M. Greenwood, of Malden, given to such student as shall have made the best attainments in oratory.

FOUR PRIZE SCHOLARSHIPS OF NATURAL HISTORY (I. Tully, II. Olmstead, III. Leavenworth, IV. Miner), from the income of a special fund established by the late Charles Hyde Olmstead, given to such competitors as, in addition to the conditions of other scholarships, have made superior attainments in some assigned branch of Natural History with which these scholarships are associated.

THE MOSES DAY FUND, the income of five thousand dollars, is appropriated to the aid of needy and deserving young men.

These awards are made by the Board of Trustees on the recommendation of the Faculty. When voted, except the Free Scholarships, they are understood to cover the College year just ended. The obtaining of a scholarship for one year does not constitute any title to a second nomination.

APPOINTMENTS. — The pay of a Monitor is *twenty dollars* a year; that of the Bell-Ringer, *one hundred and fifty dollars*.

Applications for scholarships and other aids must be made to the Faculty on or before the first day of March; and if the applicant be a minor, must be sanctioned by his parent or guardian. No one need apply who has not made satisfactory progress, or who has come under any grave censure in the course of the year.

PRIZES.

GODDARD PRIZES. — In the second term of the academical year, four prizes of *fifteen dollars* each are assigned from the Goddard Prize Fund, as follows: —

A Prize for the best Examination in Plato's Symposium, or the Agamemnon of Æschylus, including an account of the author and his works.

A Prize for the best Latin Prose Translation, by a member of the Sophomore Class, of the Third Section of Chapter X., in Liddell's History of Rome.

A Prize for the best Examination in the Mathematics of the Freshman year.

The Translations must be left at the President's office by the first day of May, in sealed envelopes, accompanied by sealed letters containing the authors' names.

RHETORICAL PRIZES. — Six prizes are awarded, as follows: —

Two Prizes, of *twenty* and *ten dollars* respectively, to the best Readers of the Senior Class.

Two Prizes, of *twenty* and *ten dollars* respectively, to members of the Junior Class, for the best exhibition of improvement and skill in Elocution.

Two Prizes, of *twenty* and *ten dollars* respectively, on the same conditions, to members of the Sophomore Class.

The selections for Reading and Declamation must be approved by the Professor of Oratory. The names of competitors for the prizes in Reading and Elocution must be handed to the President at least two weeks before the day of trial.

ENTRANCE EXAMINATION PRIZES. — Two Prizes, of *thirty* and *twenty dollars* respectively, are awarded for the best Entrance Examinations. No one will be considered as a candidate for such prize unless he has passed at the regular examinations in all the subjects required for admission to the College, and has been admitted without conditions. These prizes are payable at the end of the first half year in College.

The foregoing prizes are not awarded, unless, in the opinion of the respective judges, there is sufficient merit in the several contests to warrant their distribution.

HONORS AND DEGREES.

SPECIAL HONORS will be conferred at Commencement upon any member of the Graduating Class who shall have complied with the following conditions : 1. He must have attained grade A (over eighty-seven per cent) in the required work of the subject in which he desires Honors, and grade B (seventy-five per cent) in the average of all the studies of his course for at least the two years preceding. 2. He must have passed satisfactory examinations on as much extra work in the study in which he desires Honors as would be equal to three hours a week for a year. 3. In this and a cognate study, he must, if a candidate for A. B. or Ph. B., have taken the equivalent of five hours a week for a year of elective work, and must have passed the examinations on them with distinction.

Departments are open for Honors as follows : I. Natural History, II. Physics, III. Chemistry, IV. Mathematics, V. Philosophy, VI. Modern Languages, VII. Classics.

A student is expected to apply for Honors as early as the middle of his Junior year, and may make up his standing in any study in which he is deficient. The grade of Honors, as well as the department, will be mentioned in the diploma and printed in the catalogue. Special requisitions may be made in any department.

HONORABLE MENTION may be made in the Commencement programme and the Annual Catalogue, of a student who has attained grade A or B in a subject to which, during the two years preceding, he has given the equivalent of not less than six hours a week for a year.

THE DEGREE OF MASTER OF ARTS will be conferred upon such Bachelors of Arts and Bachelors of Philosophy as, having been accepted as candidates by the Faculty, shall have pursued, during a residence of not less than one year, and under the instruction of the Faculty, a prescribed course of study in at least two departments. The condition of residence may be waived, but in such case the required attainment must be ascertained by examination. This degree will be conferred, under the same conditions, on graduates of other colleges whose courses of study have been equivalent to the courses for which the degrees of A. B. and Ph. B. are given by Tufts College.

AWARDS OF PRIZES FOR 1889-90.

Preparatory School Prize Scholarship.

TO WILLIS FULLER SEWALL, of the Senior Class, fitted at Westbrook Seminary.

For Latin Composition.

TO ARTHUR EVERETT PETERSON, of the Sophomore Class.

For Examination in Mathematics.

TO ALBERT OLIVER THAYER, of the First Engineering Class.

For Declamation.

TO HARRY AUSTIN POTTER and FREDERICK WILLIAM PERKINS, of the Junior Class; MARO SPAULDING BROOKS and WILLIAM SOUTHWICK GRAY, of the Sophomore Class.

Prize Scholarships of Natural History.

TO CHARLES AUGUSTUS HATHAWAY and HARRY WINFIELD SMITH, of the Senior Class.

Second Prize for Entrance Examination.

TO HARRIS WALDEMAR SPAULDING, of the Freshman Class.

For Entrance Examination, 1890-91.

TO CHARLES ST. CLAIR WADE and HERBERT ELMER BENTON, of the Freshman Class.

DIVINITY SCHOOL.

FACULTY OF THE DIVINITY SCHOOL.

ELMER H. CAPEN, D. D., *President.*

THOMAS J. SAWYER, D. D., *Dean.*

CHARLES H. LEONARD, D. D.

WILLIAM G. TOUSEY, A. M., B. D.

GEORGE T. KNIGHT, A. M., B. D., *Secretary.*

GEORGE M. HARMON, A. M., B. D.

ANSON B. CURTIS, PH. D.

ARTHUR G. ROGERS.

WILLIAM R. SHIPMAN, D. D.

CHARLES CONKLIN.

HENRY I. CUSHMAN, D. D.

STUDENTS.

SENIOR CLASS.

Atwood, Luther Weston,	<i>Auburn, Me.,</i>	West Hall, 28.
Fister, Harry Fay,	<i>Sturgis, Mich.,</i>	West Hall, 28.
Peshdimaljian, Barooyr Michael,	<i>Adrianople, Turkey,</i>	West Hall, 24.
Rose, Henry Reuben,	<i>Philadelphia, Pa.,</i>	West Hall, 25.
White, William Shaw, A. B. (Brown University),	<i>Pawtucket, R. I.,</i>	West Hall, 25.

MIDDLE CLASS.

Bilkovsky, Anthony,	<i>Detroit, Mich.,</i>	West Hall, 22.
Blackford, Harry, A. B. (National Normal Univ.),	<i>El Dorado, Ohio,</i>	West Hall, 26.
Conner, Ralph Everett,	<i>So. Newmarket, N. H.,</i>	West Hall, 29.
Eddy, William Best, A. B.,	<i>Troy, N. Y.,</i>	West Hall, 13.
Evans, Frederick Waldron,	<i>Chelsea,</i>	West Hall, 21.
Holbrook, Charles Forest,	<i>Stoughton,</i>	Winthrop St.
Maxham, Herbert Olin, A. B.,	<i>College Hill,</i>	Winthrop St.
Moulton, Herbert Frank,	<i>College Hill,</i>	At home.
Sayles, John Augustus,	<i>Somerset,</i>	West Hall, 27.
Skilling, George Wilbert,	<i>Minneapolis, Minn.,</i>	Absent.
Williams, Lester Ellsworth,	<i>Nottingham, N. H.,</i>	West Hall, 21.

JUNIOR CLASS.

Gifford, Franklin Kent, A. B. (Harv.),	<i>Somerville,</i>	At home.
Markley, Howard Anthony,	<i>Philadelphia, Pa.,</i>	West Hall, 30.
Maxwell, Harley Davidson,	<i>Moore's Mills, N. B.,</i>	West Hall, 24.
McEwen, Thomas,	<i>Belleville, Ontario, Canada,</i>	West Hall, 24.
Moore Leslie,	<i>Somerville,</i>	West Hall, 29.

SUB-JUNIOR CLASS.

Ball, Clarence Leon,	<i>Boston,</i>	East Hall, 8.
Brown, Allen,	<i>Cadillac, Mich.,</i>	Prof. Curtis's.
Foster, Augustine Norwood,	<i>Meriden, Conn.,</i>	West Hall, 32.
Hoyt, Hervey Hastings,	<i>Peabody, Kan.,</i>	East Hall, 11.
Leighton, George Edward,	<i>Dexter, Me.,</i>	West Hall, 32.
Lesh, Henry Edgar,	<i>West Alexandria, Ohio,</i>	West Hall, 27.
Morrison, Ira Daniel,	<i>Brookings, South Dak.,</i>	West Hall, 22.
Newhall, Louis Chappell,	<i>Malden,</i>	West Hall, 23.
Petrie, Omer Genere,	<i>El Dorado, Ohio,</i>	West Hall, 26.

Barnes, Horace F.,	<i>Utica, N. Y.,</i>	West Hall, 23.
Butler, Thomas,	<i>Philadelphia, Pa.,</i>	West Hall, 30.
Dickins, Curtis Hoyt,	<i>Philadelphia, Pa.,</i>	West Hall, 27.

SPECIAL STUDENTS.

Hammond, Joseph Frank,	<i>New Gloucester, Me.,</i>	West Hall, 28.
Marshall, Harold,	<i>Kingston, N. H.,</i>	West Hall, 15.

ADMISSION

TO

THE THEOLOGICAL COURSE.

Candidates unknown to the Faculty must bring satisfactory testimonials of good character. They must believe in the Christian religion, and have a sincere purpose to devote their lives to the Christian ministry. It is expected that they will present themselves on the day preceding the first day of the academic year.

Bachelors of Arts are admitted to the Junior Class without examination. Candidates for the Four-Years Course are examined in some one of the Greek Classics or in the Greek of the Gospels, and in the English studies usually pursued in High Schools.

Applicants may be admitted to the school for any period of not less than one year. Those applying for admission to an advanced standing are examined in the studies which have been pursued by the class they propose to enter.

It is earnestly recommended that all who are contemplating a course of theology should take, as preliminary, a full collegiate course of study. The call is for men of liberal culture, and it has been found that academic discipline is of great value as a preparation for professional studies. It has not been thought expedient, however, to make such a requisition, for it has been found that earnest and capable men aspire to the Christian ministry, whose circumstances forbid so extensive preparation. To meet the wants of such, and yet provide for thorough training and comprehensive development, a four-years course has been instituted.

COURSE OF STUDY.

SUB-JUNIOR CLASS.

RHETORIC. — Principles of Effective Speech ; Rhetorical Analysis ; Themes.

PSYCHOLOGY. — The Intellect ; The Sensibilities ; Leading Questions of Mental Philosophy.

LOGIC. — Deduction ; Induction.

OLD TESTAMENT. — As with the Junior Class.

JUNIOR CLASS.

LOGIC. — Fallacies ; Study of Arguments.

HISTORY. — History of the Church and of Doctrines from the Apostles to the Present Time.

NEW TESTAMENT. — Hermeneutics, General Introduction ; Gospel of Matthew in Greek, Criticism, Life of Christ.

OLD TESTAMENT. — Rudiments of Hebrew Grammar ; Vocabulary and Word Studies ; Sight Reading in Samuel and Ruth ; Introductions to the Books Read.

HOMILETICS. — History of Preaching ; The Conception and Structure of the Sermon ; Homiletical Analysis of Portions of the New Testament.

MIDDLE CLASS.

PSYCHOLOGY. — The Will ; The Moral Nature ; Practical Ethics.

HISTORY. — History of the Modern Sects and Doctrines.

NEW TESTAMENT. — Fourth Gospel in Greek, Criticism, Johannine Christology; Acts of the Apostles in Greek.

OLD TESTAMENT. — The Beginnings, Development, Content, and Institutions of the Old Testament Religion.

SYSTEMATIC THEOLOGY. — Theology; Anthropology; Soteriology; Eschatology; Critical Study of Modern Doctrines.

HOMILETICS. — Study of the Sermons of Eminent Preachers; Lectures; The Composition and Delivery of Sermons.

SENIOR CLASS.

PSYCHOLOGY. — Types of Ethical Theories; Christian Ethics.

NATURAL THEOLOGY. — Theistic Arguments; Special Studies with reference to the Evidences of Order and Design; Relations of Science and Religion.

COMPARATIVE THEOLOGY. — The Non-Christian Systems.

NEW TESTAMENT. — Romans and I. Corinthians in Greek; Pauline Theology; Hebrews and Apocalypse in Greek, Criticism and Exegesis.

HOMILETICS. — Lectures on Sermon Style and on Preaching; The Composition and Delivery of Sermons.

CHURCH GOVERNMENT. — The Ecclesiastical Polity of the New Testament; The Polity of Special Churches Compared; The Government and Discipline of the Universalist Church.

PASTORAL THEOLOGY. — Pastoral Qualifications and Duties; The Administration of Religion in general; Organized Work in the Parish.

GENERAL INFORMATION.

RELIGIOUS EXERCISES.

Devotional services are held daily in the chapel ; also, weekly evening Prayer Meetings. Members of the upper classes prepare sermons and preach them in turn before the class.

EXAMINATIONS.

Frequent written reviews are held in all departments ; and when any subject is completed the students are required to pass a public written examination thereon.

LIBRARIES AND LECTURES.

Students have free access to the general library of the College ; also to the valuable library of the Universalist Historical Society. Important public libraries of Boston are open to students for consultation.

Supplementary lectures, which bear upon the general work of the Christian Ministry, and upon special subjects of study, are given at intervals throughout the year by well-known clergymen of the vicinity.

ELECTIVE STUDIES.

Students are permitted to elect studies in other departments of the College, subject, however, to the discretion of the Faculty.

GENERAL FACILITIES.

Important facilities for general improvement are offered to students, in the valuable libraries and museums of Boston and vicinity. Elaborate courses of lectures on scientific, social, and literary subjects are presented to the public from time to time. The most noted divines of New England officiate every Sunday within easy distance, and may be studied by the student in respect to their

teachings and their methods. It is the policy of the school to encourage the judicious use of these important instrumentalities of culture.

COURSES OF STUDY AND DEGREES.

THE FULL COURSE for Bachelors of Arts occupies three years; for all others, four years. Special courses occupy respectively one, two, and three years.

THE DEGREE OF BACHELOR OF DIVINITY is conferred upon college graduates who sustain satisfactorily an examination on the studies of the prescribed Course, and upon others, who, in the judgment of the Faculty, have made equivalent attainments. Diplomas certifying to attainments are conferred upon those who have taken in a satisfactory manner the Four-Years Course.

THE DEGREE OF MASTER OF ARTS is conferred at the same time with the Degree of Bachelor of Divinity upon Bachelors of Arts of Tufts College who have pursued with distinction the full course for B. D. This degree is conferred under the same conditions on Bachelors of Arts of other colleges whose courses of study have been equivalent to the course for which the degree of A. B. is given by Tufts College.

Opportunities for pursuing advanced studies are offered to graduates, and to others sufficiently qualified.

ROOMS AND EXPENSES.

The rooms assigned to the Divinity students are in the West Hall. Each study is provided with suitable furniture; and the bedroom adjoining each study is furnished with bedstead, bureau, etc.

Tuition, room-rent, and use of furniture, free. The price of board is about three dollars per week. The necessary school expenses, including board, washing, fuel, light, text-books, etc., will not exceed two hundred dollars per year.

The General Convention of Universalists aids students by a system of loans; and those in the regular course who have shown sufficient maturity are permitted to preach, under the direction of the Faculty, during the year and a half preceding their graduation. In this way they may add to their pecuniary resources.

SCHOLARSHIPS, ETC.

THE GREENWOOD SCHOLARSHIP. — The income of one thousand dollars, bequeathed by the late Mrs. Eliza M. Greenwood, of Malden, is given in prizes to members of the Divinity School for excellence in the Department of Elocution.

For the year 1890, these prizes were awarded to WILLIAM BEST EDDY, LEWIS EDWIN PEASE, and LEVI MOORE POWERS.

THE DOCKSTADER SCHOLARSHIPS. — The income of ten thousand dollars given by George A. Dockstader, of New York, is appropriated to the aid of needy and worthy students.

The income of the VANNEVAR FUND is used in the purchase of books for the Department of Homiletics.

CALENDAR.

1890.

- SEPT. 18. College year begins, Thursday morning.
- SEPT. 21. Russell Lecture, Sunday, 4 P. M.
- DEC. 17. Recess begins, Wednesday evening.
- DEC. 31. Recess ends, Wednesday morning.

1891.

- JAN. 31. Limit of time for reporting Electives.
- FEB. 7. End of first half year, Saturday.
- JUNE 2. Prize Reading in the Divinity School, Tuesday, 3 P. M.
- JUNE 9. Prize Speaking and Reading, Tuesday, 3 P. M.
- JUNE 14. Baccalaureate Sermon, Sunday, 4 P. M.
- JUNE 17. Commencement, third Wednesday in June.
- JUNE 18. Examination for Admission begins, Thursday, 9 A. M.

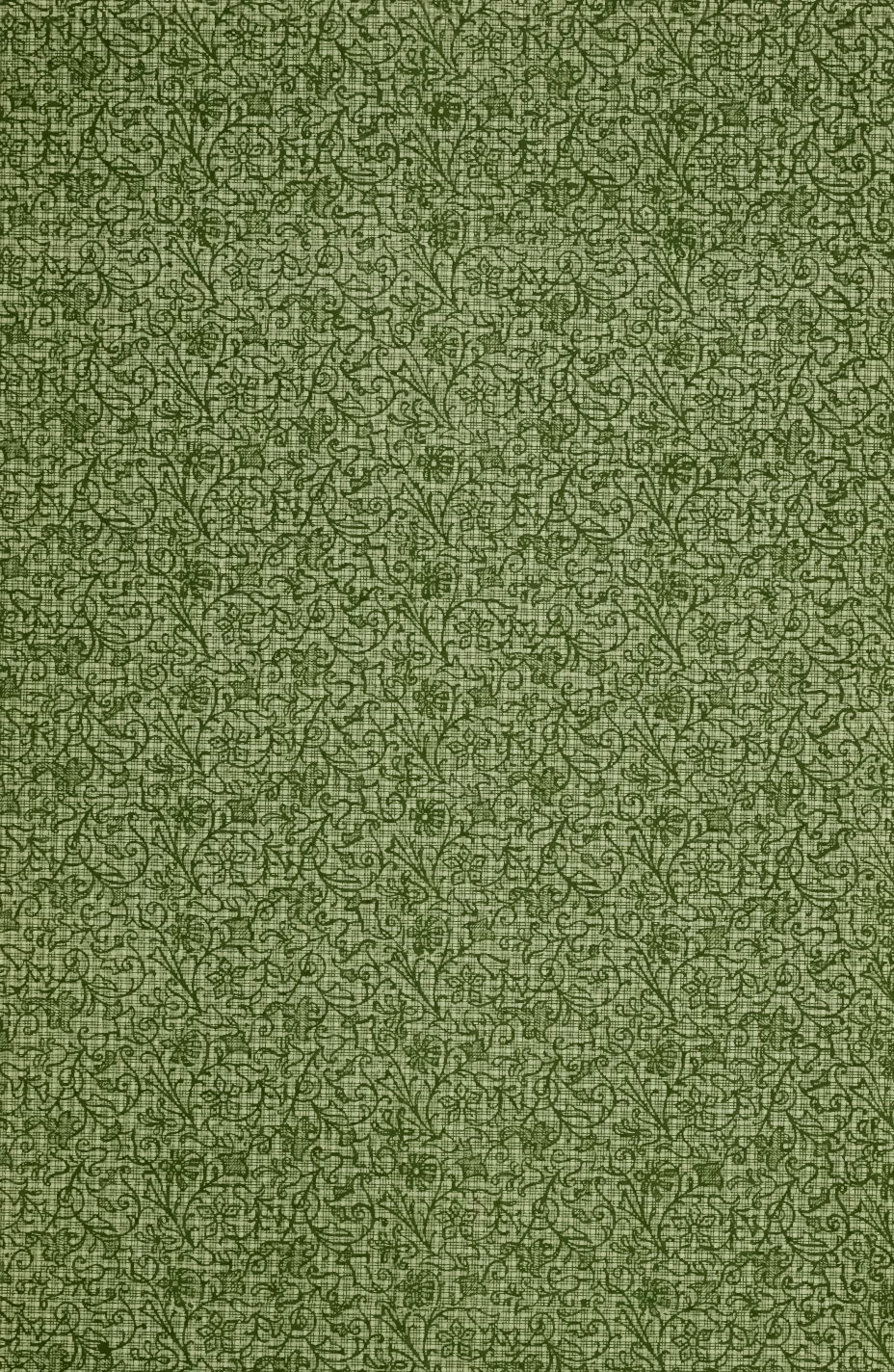
SUMMER VACATION, THIRTEEN WEEKS.

- SEPT. 15. Second Examination for Admission, Tuesday, 9 A. M.
- SEPT. 16. Examination for Admission to the Divinity School.
- SEPT. 17. College year begins, Thursday morning.
- SEPT. 19. Limit of time for reporting Electives.
- SEPT. 20. Russell Lecture, Sunday, 4 P. M.
- OCT. 5. Annual meeting of the Board of Trustees, Monday.

In addition to the above-mentioned recesses, College exercises are suspended from Wednesday afternoon of Thanksgiving and Fast-Day weeks until the following Monday morning.

NOTE. — The College is four miles from Boston. Post-Office Address:
COLLEGE HILL, MASS.





UNIVERSITY OF ILLINOIS-URBANA



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